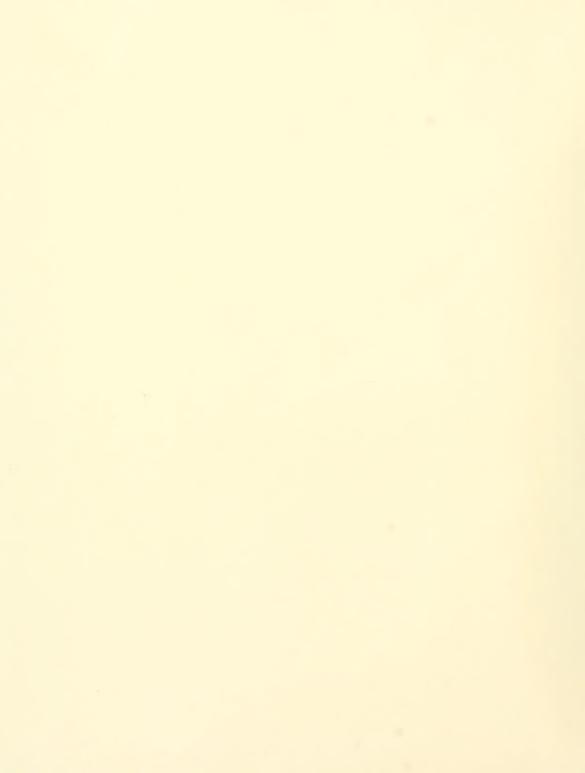
PM 107 P884 SOA















PM 107 P884 SOA

INTRODUCTION

497 , P884

TO TH

STUDY OF INDIAN LANGUAGES,

WITH WORDS, PHRASES, AND SENTENCES TO BE COLLECTED.

By J. W. POWELL.





WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1877.

INTRODUCTION

M9 101 1889 A02

STUDY OF INDIAN LANGUAGES,

(BE PARTICULAR IN FILLING THIS BLANK,)

WITH WORDS PHRASES, AND SENTENCES TO BE COLLECTED.

Tribe,	
Locality,	
Recorded by	By J. W. POWELL.
	THE TO THE
\mu	

WASHINGTON: GOVERNMENT PRINTING OFFICE. 1877.

INTRODUCTION

TO THE

STUDY OF INDIAN LANGUAGES,

WITH WORDS, PHRASES, AND SENTENCES TO BE COLLECTED.

In March, 1861, the Smithsonian Institution published a paper entitled "Instructions for research relative to the Ethnology and Philology of America," prepared by Mr. Gronge (Einse; an octavo pamphic of 51 pages, divided into two parts—the first relating to general Ethnology, the second to Philology. Under the first head Mr. Gibbs treated of the facts that should be observed and the material collected relating to "crania," "specimens of art," &c., &c., "names of tribes," "geographical position," "namber," "physical constitution," "picture writing," "dress," "food," "dwelling," "arts," "trade," "relicion," "government." "social life," "war," "melicines," "literature," "calendar and astronomy," "history and antiquities?" Under the head of Philology he gave a brief account of some of the peculiarities of the Indian languages, with general directions for the best methods of collecting certain words; a simple and practical alphabet; and a comparative vocabulary in English, Spanish, French, and Latin, This vocabulary contains 21 words. The whole was followed by Appendix A, "Physical character of the Indian races," with a tabulated statement on particulars of Inquiry, and Appendix B, "Xumeral Systems," The paper was distributed widely among the missionaries, Indian agents, travelers, and local collectors in Ethnology, and has served a valuable purpose, resulting in the collection, by various persons, of a large number of vocabularies comprising all or nearly all of the languages and dialocts of the Indian tribes of the United States and many in British America and Mexico. It served also to direct inquiry in the several branches of Ethnography, of which it treats, resulting in the collection of many valuable notes and minor papers on this subject. It has also led to the collection of a great many articles illustrating the industries, arts, means of subsistence, &c., found among the "Instructions" and the wisdon of its publication; and it serves to mark an epoch in the history of ethnographic investigation in America. T

In Mythology so much has already been done that it is possible to construct an outline of North American mythology and to give many of its important characteristics. Much has also been discovered in the social and governmental organization of the Indian tribes. This branch of investigation has been carried on to such an extent that many interesting conclusions have been reached, especially by Mr. Lewis H. Morgan, and the subject has been placed on a new and scientific basis. In like manner an advanced stage of study has been reached in all the other branches of thnographic investigation, and that proper advancement may be made in the future, by taking advantage of what has been done in the past, it is proposed to publish a "Manual of North American Ethnography," which will give a brief outline of the subject in its several departments, with instructions and hints to the student.

The present paper is to be one of the chapters in this manual. In its preparation, the alphabet was considered to be of prime importance. After detecting much time to the consideration of the subject, and the examination of many alphabets devised by scholars and linguists, none was found against which there was not serious objections, and the author attempted to devise alphabet which would contain all the supposed requirements; but there were many difficulties in the way, and many compromises to be made in weighing the various considerations. At this stage of the work he applied to the eminent philologist, Professor W, D, Whitney, for assistance. After much consultation and the weighing of the many considerations arising from the large amount of manuscript material in the author's hands, Professor Whitneys kindly prepared the following paper

ON THE ALPHABET.

In dealing with a new Indian language in a practical way, one of the first things to be done will naturally be to determine how it shall be written down; what sounds it has, and what characters shall be used to represent them.

This is by no means an easy matter. It is always hard to understand the sounds of an unfamiliar language so thoroughly as to be able to reproduce them with accuracy. Moreover, no two languages are made up of precisely the same sounds. Every Indian tongue will be found to contain

simple sounds, or combinations of sounds, which are unknown in English, and of which the peculiarities may be hard to appreciate and describe.

Long-continued acquaintance with a language always shows an observer to have been more or less in the wrong in his first ideas of its phonology or sound-system. Then, the English alphabet is rather scanty, and very much confused in its usages, so that one is puzzled as to how he shall best adapt it to represent any strange tongue to which he wishes to apply it.

There is no absolute way out of these difficulties. They can only be lightened, not got rid of altogether. The fundamental rule for dealing with them is that every observer be as careful as possible, and always consistent with himself in the use of whatever system he may adopt; taking pains also to explain as well as he can what he intends by the signs he uses.

But some ways of using the English letters are much preferable to others, both in themselves and because of their accordance with ways already adopted by collectors and scholars; and it is very desirable to suggest a general aphabet for collectors, which they shall be counseled to learn to understand and use. And since any one is greatly helped in analyzing and noting the sounds of a straing language by having paid a little attention to the general system of the alphabet, and the relation of the ordinary sounds to one another, it is proposed, instead of merely setting up an alphabet, to give along with it some very simple and elementary explanations of the sounds noted, or notions of phonology; having in view especially the sounds of the English language.

VOWELS.

The yowel sounds which are found most widely among human languages are the five occurring in these English words:

Each of these sounds is represented in English by a number of letters or combinations of letters, from two up to a dozon or so. It is proposed to take for their signs the vowel-letters by which they are written in the words above given; namely,

$$u$$
 e i o u far they pique note $rule$.

The reason is that these are the signs which originally had the five values in question, and which have them still in most languages outside of English—for example, in Italian and German, and, less uniformly, in French. They are generally called the "continental" signs, as being so used in all Eurone excent the British isles.

Any given vowel-sound is apt to be found in the same language having two different quantities, one long and one short. Often there is also a slight difference of quality or tone added to that of quantity. This difference of tone between the long and short values of what is nearly the same sound is greater in English than in almost any other language. The corresponding shorter sound to the long e of they is the sound in then or head; the short sound to pique is that in piek; the short sound to rule is that in piek. But the English has no real short o, except in the "Yankee" pronunciation of a few words like home, whole, none. Nor has it a real short sound corresponding to the a of far and father; the so-called "short o" of not and what and their like is our nearest approach to it, and near enough to bear being called a short a.

The usual way, all over the world, to distinguish the long and short values of vowels is to write a horizontal mark (the "macron") over the long vowel, and a crescent (the "breve") over the short. Thus we might signify the five short vowels, treated of above, in this manner:

The relations of quantity are so different in different languages that it may be best left, probably, to the judgment of the collector whether he will mark the long values of the vowels with the macron, or the short with the breve; to do both would generally be needless. Unless, indeed (as is the case in some Indian languages), there be three grades of quantity to distinguish, a drawn out or a protracted long, a medium or ordinary long, and a short; in that case both signs would have to be used, the medium quantity only being left unmarked.

Then there are three other simple vowel-sounds in English, for which it is not so easy to provide the most appropriate and acceptable signs.

One of these is the sound in aver, aught, all, lord, and so on. It is a tone intermediate between the a of far and the o of note, and the d-sound of not other comes, just about as near to being its corresponding short as to being that of a (far). It may be as well written by d as by any other sign, and this is its proposed representative.

The second is the sound in cat, man, and so on, the one which we usually call "short a," or "flat a"; it is an intermediate between a (of far) and e (of they). This it is proposed to write a (nearly following the German fashion).

The third is the sound which we have in words like but, son, blood. It is often called the "neutral vowel," because in its utterance the organs of the mouth are nearly in the indefinite position of simple breathing. It is nearly like the German \(\tilde{a}\) and the French \(var{a}\), but not the same with either. As it is called by us "short \(u_i^*\) and, to one accustomed to English, seems most naturally represented by a \(u_i^*\) the sign \(\theta\) has been here adopted for it.

The peculiar sound of the French \(u\) in \(u_i^*\) unre, \(mu'a_i^*\), etc., or of the German \(\tilde{a}\) in \(kild, kilssen, etc., will, whenever found, be best written with the German sign \(\tilde{a}\). It is made by a combination of the tongue-position by which \(\tilde{a}\) givelies is uttered with the lip-position by which \(\tilde{a}\) (which \(\tilde{a}\) could be suffered.

We have, then, the four additional yowels-

Their long and short values may be distinguished by the same added marks as those of the other vowels, if it should be necessary to do so.

What we call the "long i" of aisle, isle, etc., is really a compound sound, a diphthong, beginning with a (far) and running down and ending with 4 (pique or pick). It is, therefore, to be written with ai.

The sound in how, out, etc., is in a precisely similar manner a compound, beginning with a (far) and running down to u (rule or full). It is accordingly to be represented by au.

If such a diphthong as ours in boil or boy is met with it must of course be represented by 4i, the signs for its two parts.

What we call "long u," as in use, pure, mew, feud, etc., is clearly a double sound, precisely that of you, and can never be written with one character in any phonetic alphabet; its proper representative is yu.

We have, then, finally, the diphthongs-

The nasal vowels will be spoken of further on,

The scheme of representation of vowel sounds thus drawn out is believed to be as good as any that is attainable without departing too far from English usages, or bringing in strange and complicated signs, for which types are not to be found in ordinary printing offices. It will, of course, seem a little strange at first to one accustomed to English ways; but there must be a consistent system followed, and that excludes the acceptance of English ways. A little careful practice will give ready command of the scheme of signs. It is proposed as a basis, a model which is to be adhered to as closely as circumstances shall allow, in representing the strange sounds that may be met with in practice. Its use will not take away the necessity of careful description, nor will it answer all purposes. A language may, for example (like French and German), distinguish two esounds, a closer (French ∂) and an opener (French ∂) as in respectively with our $\delta(they)$ and $\delta(then)$, but not, like these, differing in quantity, as long and short, In such a case it will be best to use δ for the opener sound; and we may also need an δ for an opener δ , and even an δ for an opener δ (δ). And there may be varieties of the "neutral vowel" for which the German δ will be a convenient sign.

CONSONANTS.

Among the consonants we will first take up some of those as to whose mode of representation there can be no question whatever. There are, for example, the three so-called "mutes," $p_k t_i$ and k_i these signs belong to the sounds instanced below:

The last example shows that we use c as well as k with this value; that must, of course, be avoided in a systematic alphabet,

The t and k of other languages often do not precisely agree in character with ours; one should be on the look-out here (as, indeed, everywhere else) for differences, and should note and describe them, if possible.

of these three, the p is called a "labial" mute, because made with the lips; the ta "lingual" (or "dental"), because made with the tongue-tip (and near the teeth), the k a "palatal" or "gutteral," because made against the palate, or near the throat, with the back part of the tongue,

Then there are three other mutes, closely related with these; they and their examples are these:

They differ from the three preceding in that there is tone, audible sound, made in the throat during the continuance of the contact by which they are produced. They are, therefore, properly called the "sound" mutes, while the others are called the "sund," or "non-sonant," or "toneless" mutes—or something equivalent to this (the names "hard" and "soft," and their like, are altogether to be rejected). Usually, a language has both the surd and sonant corresponding mutes—and d, p and b, k and g—if it has either.

In some languages the mutes (especially the surd ones) are sometimes uttered in such a way that there is a little perceptible puff of breath, a kind of \(\hat{h} \) sound, between them and the following sound,. In such cases they are said to be "aspirated," or the resulting sounds are called "aspirates," They may be best written with a so-called "rough-breathing" (Greek), or reversed apostrophe, after the letter: thus,

All these sounds are called mutes because the mouth-organs are so closed in making them that no breath escapes until the closure is broken or exploded.

If, now, with just the same positions of the mouth-organs the breath is suffered to pass into or through the nose, the result is the so-called "nasal misses" or "masal corresponding to each pair of non-masal mutes (surd and sonant. So, in English we hear the labital masal m, the lingual nasal n, and the palath masal, m sing, bring, etc. This last is just as simple a sound as either of the others, but we have no simple sign for it, and write it with ng. If this double sign, or "digraph," were adopted as its representative, we should have difficulty in distinguishing the simple masal, as in singer, from the nasal followed by a g-sound, as in finger. The best single substitute is no because it is always to be found in the printing offices.

The nasals then are-

The masal mutes are made, as above defined, with complete closure of the mouth-organs, and get their peculiar masal quality from the ringing of the expelled air in the nose. But if the same masal ringing is made while the mouth-organs are in a position which produces a vowel part of the breath being driven through the mouth, as in ordinary owel utterance, but a part also into or through the nose, the result is a vowel with a masal tang or tone added to it, or a "masal vowel." The French, for example, has four masal vowels, as in vin, en, on, un. Whenever such are found in an Indian lauguage, they may best be written with the proper sign for just that vowel-sound which is given, and with the addition of a "superior" a to indicate the masality. Thus, the four French sounds would be represented thus:

$$\ddot{a}^n$$
, \dot{a}^n \dot{a}^n \dot{a}^n \dot{a}^n

But there are other pairs of surd and sonant sounds (without any nasal correspondents).

Thus, for example, the foffic and the rof vaice stand related in this way, the f being made by an expulsion of pure breath, and the rof intoned or sonant breath; through precisely the same position of the mouth-organ. In English, this position is a pressing of the upper teeth upon the lower lip; but some languages leave out the teeth alfogether, and produce very nearly the same sounds between the edges of the two lips alone. In any language, it would be well to look sharply to see whether its? For e, or both, are of the one kind or the other, and the purely labial pair may best be written ph and bh.

The th-sound in our words thin and truth, and that in then and with, are related in the same way, one being surd and the other sonant. Although they are simple sounds, we have no simple signs for them; we must write them, the thin-truth one with th; and then we shall best write the other, the then-with one, with th, because it stands in precisely the same relation to the th-sound as the d does to the t.

This class of sounds are best called the "spirants," The f and r are lablal, and the th and th are lingual (although each pair brings in an additional organ, the teeth). In English we have no palatal spirants; but they are found in many languages. The German, for example, has two: one in words like ich and milch, formed further forward on the tongue; the other, in ach, doch, etc., further back, more gutturally. By analogy with the the sign we may best write the German ich sound with kh: and then, for convenient distinction, we may write the ach sound with gh. They are both surd, and the corresponding sonant is very rare; if met with (nearly the Arabic "ghain"), it would have to be written with gh.

The spirants, then, are-

We come now to the class of "sibilants," or hissing letters. Our common English s and z need no explanation; they, too, are corresponding surd and sonant. But our sh-sound is just as much a simple sound as s, although we use two letters to write it with; and it, as a surd, has its corresponding sonant in azuve and pleasure, in fusion and adhesion, and their like. So, if we continue to write sh, we must represent its sonant by zh; and there is nothing better that we can do.

Thus, the sibilants are-

The ch and j sounds in church and judge are compound, having for their last part the sh and zh sounds, with a t prefixed to the one and a d to the other; the t and d, however, formed in a somewhat different way from our usual ones—namely, further back in the mouth, and with the flat of the tongue. They may, if met with, be written with tsh and dzh; or, for brevity's sake, with ch and j; or even with ch instead of ch; according as the c or ch may be required for no other uses.

The sounds of our y and w, as in you and we, should be written with those letters. The same with an h-sound prefixed to them—as in when = h w m and $h w \in h y w$ —should be written as pronounced; that is, h w and $h y \in h w$ some hold, to be sure, that these sounds are not w and y with an h prefixed, but rather are the corresponding surds to w and y; in either case, however, the h w and h y signs are the best, and unobjectionable

The precise English w is a rather uncommon sound among other languages; the y is almost universal. Both, as regards the way in which they are made by the mouth-organs, are only infinitesimally different from $\bar{v}(pique)$ and u(rule).

The r is a difficult sound for an English speaker to deal with, because the English r is spoken so slightly, or even, in a host of cases (when not immediately followed by a vowel), by most people silenced altogether. Other languages are apt to give it a decidedly stronger, even a trilling or vibrated utterance. How, in any given dialect, the r (if present) is pronounced will be a proper subject for a little special description.

In some languages or dialects a sort of imitation of r is made by vibrating the uvula instead of the tip of the tongue. If met with, this might, in a wholly conventional way, be signified by rh, since this combination is not likely to be wanted for anything else. An r that has an h-sound pronounced before it should, of course, be written with hr.

The r-sound is uttered between the tip of the tongue and the roof of the mouth. In an t-sound, the tongue touches the roof of the mouth somewhere in the middle, and the breath comes out at the sides of the tongue. The ordinary l has the tongue in the t-position. The peculiar l expressed in Italian by gl (as in moglie) is made with the flat of the tongue, instead of its tip, against the roof of the mouth, and will be conveniently represented by ly; it is also nearly the old French l mouille. The n similarly made (rather palatal than lingual), which is the \bar{n} of the Spanish and gn of the French (as in cahon, rigner), may be written in like manner with ny.

We have used the h a number of times in making digraphs, or double signs, for writing sounds which do not contain any h-element. But the real h-sound, though by no means found in all languages, is a common one. It is an expulsion of air through the position of the adjoining sonant sound tusually the following one). Thus, for example, the h of ha is a momentary rush of surd breath through the organs put in position for a, before the tone begins which makes the a itself; and it is just so with the h of h and with that a when a is a momentary rush of surd breath through the organs put in position for a, before in the position of a (a) and of a (a) and a is just so with the a otherwise a). There is a narrowing of the throat, anywhere, so as to give a rasping noise, the sound is of another character, a guttural spirant, and must be specially described and differently represented.

In English, we use the aspiration only before a vowel and before the semiyowels w and y (as instanced above by when and hue). In some other languages it may be found also before r and t and the nasal mutes n and m. Again, it may be found following instead of preceding the vowel which gives it its character. There are languages, too, in which strengthened or modified breathings appear which yet are not precisely spirants, and it may be necessary, in order to represent them, to double the h, or add a rough-breathing (thus h), or use other like methods of distinction.

Uses have thus been assigned to all our letters excepting q and x. As we ordinarily use the q, it is only another way of writing a k-sound; our qu is the equivalent of kw; quit, for example, would be just as accurately written kwit. And the x is only a ks—or, sometimes, a yz—written with a single sign.

Whatever sounds have not been thus provided for must be dealt with by the observer as well as is possible to him. He should be guided by the analogies of the system here laid down and should, if it may be, select characters or combinations of characters which are to be found in ordinary printing offices.

Not a little difficulty is sometimes occasioned to collectors by the indefinite or undecided character of some of the sounds of a language. A tand d, for example, will appear to be used interchangeably, the sound in the same word seeming now to be the one and now the other. This is in some cases owing to insufficient familiarity with the language, and the difficulty is removed by more experience; in other cases, it is due to the fact that the speakers do not observe distinctions which we observe, but utter a kind of compromise between two or more different sounds, shading now more toward one and now more toward another. The sounds thus exchanged are in general those made by the same mouth-organs—the corresponding surd and so nant mutes, the corresponding mutes and spirants, the rand t, and so on. The collector will probably do best to select some one representative for such a sound, pointing out at the same time its permutable character.

It is very desirable always to mark the accented syllable of a word; and it may be best done by an acute accent on or after the vowel (or the syllable, if the word is divided into syllables); as, father, destruction.

It is well for a collector to divide by hyphens (as in the word last instanced) the syllables of the words in his lists, but this need not be done in connected texts.

It may again be pointed out, in conclusion, that the value of vocabularies and other such matter collected will be proportioned, in no small degree, to the care and skill shown in analyzing and representing the phonetic structure of the languages studied.

ALPHABET.

	long as in far, father, Gm, haben.	kh	as Gm, ch in ich, milch, kirche,
et or d,	short as in Gm, man, Fr. pas; nearly as in (E.) what, not.	l	as in Iull, Gm. lallen, Fr. lilie.
ä	as in hat, man,	ly	as It. gl in moglie, (old) French briller.
a	as in law, far, all.	318	as in mum, Gm. memme, Fr. me.
ă ⁿ	as Fr. en in en, quand.	n	as in nun, Gm. nonne, Fr. ne.
än	as Fr. in in vin, rien, sein.	ñ	as ng in singing, Gm. singen.
(ia	as Fr. on in on, son, rond.	ny .	as Sp. A in cañon, Fr. gn in règne.
αi	as in aisle, Gm. mein; i in (E.) pine, find.	o or ō,	long as in note.
<i>âi</i>	as oi or oy in oil, boy.	o or δ,	short as in (N. E.) home, Gm. soll, Fr. mot.
au .	as ou or ow in out, how, Gm, haus.	p	as in pipe, Gm. puppe, Fr. poupe.
b	as in blab, Gm. beben, Fr. belle.	p'	nearly as ph in topheavy.
b*	nearly as bh in cobhouse.	ph	as Gm, f in pfeil.
δh .	as Gm, w in schwer, zwei,	gh	as Gm, ch in ach, doch, Scottish lach, Sp. j in hijo.
c (or ch)	as ch in church, It. cielo.	2*	as in roaring, Gm, rühren, Fr, rare.
et	as in dread, Gm. das, Fr. de.	rh	uvular r.
ď	nearly as dh in madhouse,	8 .	as in sauce, Fr. sauce, Gm. wissen.
dh	as th in then, with:	sh	as in shun, Gm, schon, Fr, chair,
e or ē,	long as in they, Gm. beet.	t	as in trot, Gm. treten, Fr. tûter.
e or é,	short as in then, Gm. belt, Fr. sienne.	£.	nearly as th in musthead,
f	as in fife, Gm. feuer, Fr. feu.	th	as in thin, truth,
9 .	as in gig, Gm. gross, Fr. gros.	u or \bar{u} ,	long as in rule, fool, Gm, du, Fr. doux,
g*	nearly as gh in loghouse.	u or u,	short as in pull, soon, Gm. null; Fr. nulle,
gh .	[nearly as Arab, ghain.]	<i>1ί</i> .	as in but, run, son, blood,
h	as in ha, he, hoot, etc., Gm. haben.	ų́n.	as,Fr. un in un, brun.
h°	stronger aspiration,	ü	as in Gm, kühl, küssen, Fr, plume.
hw	as wh in when.	v	as in valve, Gm. wenn, Fr. veux.
113/	as in hue.	w	as in wish, will, wayward, nearly as Fr. oui,
i or ī,	long as in pique, Gm, ihn, Fr, ile,	3/	as in you, year, Gm, j in ja,
i or i,	short as in Gm. will, Fr. ici; nearly as in (E.) pick, thin,	n.	as u in use, pure, mew, feud.
j	as in judge:	2	as in zones, Gm. hase, Fr. zèle, rose.
k	as in kick, Gm. kamm, Fr. quand	zh	as in azure, s in pleasure, fusion, Fr. juger.
k*	nearly as kh in inkhorn.		

EXPLANATORY REMARKS.

In the preparation of the following sets of words, phrases, and sentences, with accompanying hints to the collector, three objects have been kept in view; first, to select words which can be obtained with the greatest ease; second, to select words which can be obtained with the greatest certainty; and third, to select words which will be of the greatest linguistic and general ethnographic value. These considerations were sometimes in conflict, but a careful weighing of them has led to the following result.

It should not be supposed that these words and sentences are the only ones of value; the collector may, as opportunity is afforded, increase the list to any desired extent. All the new material added will be not only of value in itself, but will have additional interest because of that which has been done before.

A smaller number than called for in the schedule may be of great value if obtained in sets as given herein; any one of the sets of the words obtained from almost any Indians in North America would be a valuable contribution to linguistics, but words selected at random here and there would be of little or no use,

Care should be taken to obtain words from the Indians themselves. Indians speaking English can be found in almost every tribe within the United States. Words cannot be obtained accurately from white men who are supposed to speak the Indian tongue, unless such persons have been long with the Indians and are intelligent and scholarly, and have had some reasons for studying Indian languages on account of their being missionaries, teachers, or linguists.

The general method of communication between white men and Indians is by a conventional Jargon, composed of corrupted Indian and English words, with many words from other European tongues. In this fact is found one of the reasons why words should not be collected from white men unless they have a scholarly knowledge, as indicated above.

To collect words from an Indian requires great patience, as it is difficult to hold his attention for any great length of time, and it requires a constant exercise of ingenuity to devise methods by which he may fully understand what is asked by the collector and that the collector himself may feel that he is working with certainty.

Sometimes an Indian will deceive by giving foolish or vulgar words, considering it a good jest; for this and other reasons, everything collected should be carefully verified.

L-PERSONS.

English.		Remarks,
Man		1
Woman		
oll.		
CAN HOMEN		
Young man		· · · · · · · · · · · · · · · · · · ·
Young woman		
Boy		
Cells		
Intent		
Mede intard		
Female infant		
Widower		
Widow		
Euchetor ()		
Maid o.d		
	. ===	
		*
· ··· · · · · · · · · · · · · · · · ·		
•		
······································		
7 178 177 17801777 1787 277 188 18817		
	,	

IL-PARTS OF THE BODY.

In many Indian languages there is no separate word for eye, hand, arm, or other parts and organs of the body, but the word is round with an incorporated or attached pronoun signifying my hand, my eye; your hand, your eye; his hand, his eye, we, as the case may be. If the Indian, in naming these parts, refers to his own body, he says my; if he refers to the body of the person to whom he is speaking, he says your, we. If an Indian should find a detached foot thrown from the amputating-table of an army field-hospital, he would say something like this; I have found somebody his/hoot. The pronominal particle should be written with the part implying the name, the whole forming but one word. It is usually very easy, by inspection, to determine what pronoun is used. This linguistic characteristic is widely spread though not universal.

It is a general custom among the Indians to pierce the ears for ornaments; many tribes also pierce the septum of the nose.

The names of the internal organs or parts can better be determined after having learned the names of parts of animals as subsequently called for. There may be a general term for blood-vessel, and specific terms for the more noticeable ones.

English.		Remarks.
Heat		
Har		
Crown of the head		
Seath		
Face		
Forehead		
Eye		
Pupil of the eye		
Eyelish		
Eye row		
Upper eyelot		
Lower cyclid.		
Ear-lobe		
Dot		
Perforation in ear		
External opening of the ear		
Nose		
Rader or nose		
Nostril		
Septum of nos :		
Perforation of septum of nose	.	
Cheek		
Board		
Mouth		
Upper lip		
Lower lip .		
Tooth		
Tongo		

PARTS OF THE BODY-Continued,

English.	REMARKS.
St. 40	
P 2ato	
Throat	
Chili	
Nox	
Ada ti's appe	
the ty	
Shoulder	
Shoulder-blade	
Bre stoffering	
Breast of a woman, (mamma)	
Nipples	
П.р	
Box y . Lilli	
Navel	 ··· · · · · · · · · · · · · · · ·
Right arm	
Letterm	
Arm-pits	
Right arm above elbow	
Left arm above elbow	
Right erbow	
Lett elhow	
Right arm below elbow	
Left arm below ellow.	
Right wrist	
Left wrist	
Right hand.	
Lett hand	
Palm of hand	
Pack Amena	
Fingers	
Thumb	
I'rst finger	

PARTS OF THE BODY-Continued,

English.		Remarks.
Second finger		
Third finger		
Small finger		
Finger-nail	.1	
Kunekle		
Space between knuckles		
Rump		
Teg		
Leg above knce		
Kyre		
Knee-pan		1
Leg below knee		
Calfo(≰b · leg		
Ankle		
Ankle-bone		
Instep		
Foot		
Sole of foot		
Heel		
T. e		
Large toe		
Second toe		
Third toe		
Fourth toe		
Toe-nail		
Blood Vein or artery		
Brain		
Bladder		
Caul	,	
Gall		
Hourt		
Kidney		
axion's		

PARTS OF THE BODY-Continuéd.

English.		
Lung		
Liver		
Stomgel.		···········
Specia		
Rib		******** ******* ***
Pulse		
Vertebre Spine		
Foot-plant		

		·

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

III.-RELATIONSHIPS.

The Indians are very exact in designating the degree and nature of relationships by special terms; thus they have a word signifying elder brother; another, younger brother; another, younger brother; another, younger brother; so signifying my father's elder brother's son; another, my indiancer's younger brother's son; another, my mother's elder brother's son; another my mot

The terms can with a little care be obtained with accuracy. The following method for drawing out these words from the Indians has been used with success.

Relationships arising from the first and second generations,

Take two bundles of sticks, all the sticks in one bundle being alike, but quite distinct from those in the other; two boxes of different kinds of matches will do. Use one set for males and the other for females. Place on a blanket, table, or ground, as the case may be, a stick representing a male person; say to the Indian that if represents a man; place beside it as tick from the bundle representing female persons, and say to the Indian that this represents a woman, his wife; then ask him what the male person cults the female—that is, what is the word for wife and record it in the schedule below, opposite "wife said by husband"; then ask what the woman cults the man—that is, what is the word for husband? and record it opposite "husband said by wife." Bace at the foot of the two sticks, b. e. in another rank, a third, from the bundle representing male persons, and say this man and woman have a son; what does the father, pointing to it, call the son? pointing to the proper stick; record (fie word in the appropriate place in the schedule; then reciprocally, what does the son call the father? again, what does the nother all the son? and what does the son call the father? Lace another stick by the side of the last drom, the bundle representing female persons, find what the father calls the daughter; the daughter the mother. It has the bother who is voltage, and place the result opposite the term "sister said by elder brother," and then what the sister who is younger, and place the result opposite the term "sister said by elder brother," and then what the sister who is voltage, calls the fathan that this represents a third called, a male, younger than the other two. To vorige the names obtained for father and son, nother and son, repeat the questions asked concerning the elder son. Then ask what does the elder brother; and record it; then, what does the younger brother call the elder mother? and record it; then, what does the younger brother call the elder brother? and record it; then, what does the younger obtained

It may be well to add one more son and daughter for verification.

Unless the Indian is very patient, probably the work laid out is sufficient for one sitting

Now provide two more bundles of sticks—one representing males, the other females, and both unlike those already used; these will represent persons marrying into the family, and are only to be used for such persons.

Having still before the Indians the sticks representing personages, laid out in the order above described, from the new bundle representing female persons place a stick beside the elder brother, and explain that it represents the elder brother's wife, and verify the words herefolore obtained for husband and wife; then, what does the husband's father call the wife? what does the wife call the husband's mother call the wife what does the wife call the husband's mother? Now place a stick from the new bundle representing male persons beside the elder sister, explaining that it represents her husband. Verify the terms for husband and wife. What does the father call his elder daughter's husband what does the elder daughter's husband what does the nother call the elder daughter's husband call the mother? In like manner give a wife to the younger son, and a husband to the younger daughter, and obtain the terms called for in the schedule. We will thus have a complete schedule used to denote father, mother, son, daughter, brother, sister, father-in-law, mother-in-law, by torther-in-law, by storther-in-law.

Relationships arising from the third generation.

Now take a stick from the first bundle representing male persons and place it beneath the cidest son and his wife, i. e. in a third rank, saying to the Indian that it represents their first son, and find what the grandfather calls his grandson; the grandson the grandfather; the grandson the grandfather be a stick from the first bundle representing female persons in the same rank with the last and explain that this is the eldest daughter; ascertain what the grandfather call his son's daughter; what the son's daughter calls the grandfather; the grandfather rank person's daughter; the son's daughter; the son's daughter, can be a suggested of the second generation give a son and daughter; verify the words for grandfather and grandfather as may be desirable.

Then obtain terms for uncle, aunt, nephew, and niece, as called for in the schedule below.

In like manner obtain terms for cousins, cousin's wives, and cousin's husbands, as called for in the schedule.

Relationships arising from the fourth generation.

Now commence with the fourth generation, and obtain as many terms as possible, following the methods and rules above adopted. Extend the instance of the state of the methods are a possible, not being limited by the terms called for in the schedule. Then obtain, by like methods, the term for step-father, step-mother, step-son, step-daughter, step-brother, step-son, step-daughter, step-brother, step-brother.

Remarks.

It will be observed in the description above that the eldest male speaks first, and that the person to whom he is speaking always follows, so that the reciprocal relationship appears in juxtaposition in the schedule. Sometimes this reciprocal relationship will be expressed by the use of a common term—as for example the grandfather calls the grandson by the same term as the grandson calls the grandfather, but the former may use a diminuity form of the word.

Distinct words for all the relationships mentioned in the schedule will not be found, but care should be taken to fill out all the blanks so that the method of kinship grouping or classification of relatives may be accurately determined. If the schedule is faithfully followed all the important facts will be discovered.

It will be observed that the words called for always signify my relative, as my father, my son, my brother, &c. In most languages the pronoun "my" will be an incorporated particle; in a few it will not.

The method of using sticks for symbolizing persons as described above is in harmony with Indian habits of thought. They use among themselves many similar symbolic methods, and an intelligent Indian will easily follow the collector through all the mazes of relationship if the collector himself is always clear and methodic in his plan of presentation. For this reason he should become thorough master of the subject himself before talking with the Indians.

Relationships arising from the first and second generations.

English.		Remarks.
Wife, said by husband		
Husband, said by wife		
Son, said by father		
Father, said by son		
Son, said by mother		
Mother, said by son		· · · · · · · · · · · · · · · · · · ·
Daughter, said by father		
Father, said by daughter		
Daughter, said by mother		
Mother, said by daughter		
Younger sister, said by elder brother		
Elder brother, said by younger sister		
Younger brother, said by elder brother		
Elder brother, said by younger brother		
Younger brother, said by elder sister	1	
Elder sister, said by younger brother		
Younger sister, said by elder sister		
Elder sister, said by younger sister		
Elder son's wife, said by father		
Husband's father, said by wife		
Elder son's wife, said by mother		
Husband's mother, said by wife		
Elder daughter's husband, said by father		
Wife's father, said by husband		
Elder daughter's husband, said by mother		
Wife's mother, said by husband		
Younger son's wife, said by father		
Husband's father, said by wife		
Younger son's wife, said by mother		
Husband's mother, said by wife		
Younger daughter's husband, said by father		
Wife's father, said by husband		1
Younger daughter's husband, said by mother		

Relationships arising from the first and second generations—Continued.

English.	REMARKS.
Wife's mother, said by husband	
Younger sister's husband, said by elder brother	
Wife's elder brother, said by husband	
Husband's younger sister, said by wife	
Elder brother's wife, said by younger sister	
Husband's younger sister's husband, said by wife.	
Wife's elder brother's wife, said by husband	
Younger brother's wife, said by elder brother	
Husband's elder brother, said by wife	
Husband's younger brother, said by wife	 ·
Elder brother's wife, said by younger brother	
Husband's younger brother's wife, said by wife	
Husband's elder brother's wife, said by wife	
Younger brother's wife, said by elder sister	
Husband's elder sister, said by wife	
Wife's younger brother, said by husband	
Elder sister's husband, said by younger brother	
Wife's younger brother's wife, said by husband	
Husband's elder sister's husband, said by wife	
Younger sister's husband, said by elder sister	
Wife's elder sister, said by husband	
Wife's younger sister, said by husband	
Elder sister's husband, said by younger sister	
Wife's younger-sister's husband, said by husband.	
Wife's elder sister's husband, said by husband	

••••	

LNo.Lisii.		REMARKS.
Elder son's son, saat (y grand, tre.)		
Grandfather, said by elder son's son		
Elder son's daughter, said by grandfather		
Grandfather, said by elder son's daughter		
Elder son's son, said by grandmother		
Grandmother, said by elder son's son	:	,
Elder son's daughter, said by grandmother	· · · · · · · · · · · · · · · · · · ·	
Grandmother, said by elder son's daughter		
Elder daughter's son, said by grandfather		
Grandfather, said by elder daughter's son		
Elder daughter's daughter, said by grandfather		
Grandfather, said by elder daughter's daughter		
Elder daughter's son, said by grandmother		
Grandmother, said by elder daughter's son		
Elder daughter's daughter, said by grandmother_		
Grandmother, said by elder daughter's daughter		
Younger son's son, said by grandfather		
Grandfather, said by younger son's son		
Younger son's daughter, said by grandfather		
Grandfather, said by younger son's daughter		
Younger son's son, said by grandmother'		
Grandmother, said by younger son's son-		
Younger son's daughter, said by grandmother		
Grandmother, said by younger son's daughter		
Younger daughter's son, said by grandfather		
Grandfather, said by younger daughter's son		
Younger daughter's daughter, said by grandfather.		
Grandfather, said by younger daughter's daughter		
Younger daughter's son, said by grandmother		
Grandmother, said by younger daughter's son		
Younger daughter's daughter, said by grand-		
mother, Grandmother, said by younger daughter's daugh-		
ter. Younger sister's son, said by uncle		

ENGLISH.	Remairs.
Mother's elder brother, said by nephew	
Younger sister's daughter, said by uncle	
Mother's elder brother, said by niece	
Younger brother's son, said by uncle	
Father's elder brother, said by nephew	<u></u>
Younger brother's daughter, said by uncle	
Father's elder brother, said by niece	
Elder brother's son, said by aunt	
Father's younger sister, said by nephew	
Elder brother's daughter, said by aunt	
Father's younger sister, said by niece	
Younger brother's son, said by aunt	<u></u>
Father's elder sister, said by nephew	
Younger brother's daughter, said by aunt	
Father's elder sister, said by niece	
Younger sister's son, said by aunt	
Mother's elder sister, said by nephew	
Younger sister's daughter, said by aunt	
Mother's elder sister, said by niece	
Elder brother's son, said by uncle	
Father's younger brother, said by nephew	
Elder brother's daughter, said by uncle	
Father's younger brother, said by niece	
Elder sister's son, said by uncle	
Mother's younger brother, said by nephew	
Elder sister's daughter, said by uncle	
Mother's younger brother, said by niece	
Elder sister's son, said by aunt	
Mother's younger sister, said by nephew	
Elder sister's daughter, said by aunt	
Mother's younger sister, said by niece	
Husband's younger sister's son, said by aunt	
Mother's elder brother's wife, said by nephew	

English.	REMARKS.
Husband's younger sister's daughter, said by aunt.	
Mother's elder brother's wife, said by niece	
Husband's younger brother's son, said by aunt	
Father's elder brother's wife, said by nephew.	
Husband's younger brother's daughter, said by	
Father's elder brother's wife, said by niece	
Wife's elder brother's son, said by uncle	
Father's younger sister's husband, said by nephow.	
Wife's elder brother's daughter, said by uncle	
Father's younger sister's husband, said by niece	
Wife's younger brother's son, said by uncle	
Father's elder sister's husband, said by nephew	
Wife's younger brother's daughter, said by uncle.	
Father's elder sister's husband, said by niece	
Wife's younger sister's son, said by uncle	
Mother's elder sister's husband, said by nephew	
Wife's younger sister's daughter, said by uncle	· · · · · · · · · · · · · · · · · · ·
Mother's elder sister's husband, said by niece	
Husband's elder brother's son, said by aunt	
Father's younger brother's wife, said by nephew	
Husband's elder brother's daughter, said by aunt.	
Father's younger brother's wife, said by niece	
Husband's elder sister's son, said by aunt	****
Mother's younger brother's wife, said by nephew	
Husband's elder sister's daughter, said by aunt	
Mother's younger brother's wife, said by niece	
Wife's elder sister's son, said by uncle	
Mother's younger sister's husband, said by nephew.	
Wife's elder sister's daughter, said by uncle	
Mother's younger sister's husband, said by niece	
Father's younger sister's son, said by male cousin.	
Mother's elder brother's son, said by male cousin.	
Father's younger sister's daughter, said by male	

		Remarks.
English.		
Mother's elder brother's son, sald by female cousin.		
Father's younger brother's son, said by male cousin.		
Father's elder brother's son, said by male cousin		
Father's younger brother's daughter, said by male cousin.		
Father's elder brother's son, said by female cousin.		
Father's younger sister's son, said by female cousin.		
Mother's elder brother's daughter, said by male cousin.		
Father's younger sister's daughter, said by female cousin.		
Mother's clder brother's daughter, said by female cousin.		
Father's younger brother's son, said by female cousin.		
Father's elder brother's daughter, said by male cousin.		
Father's younger brother's daughter, said by female cousin.		
Father's elder brother's daughter, said by female cousin.		
Mother's younger brother's son, said by male cousin.		
Father's elder sister's son, said by male cousin		
Mother's younger brother's daughter, said by male cousin.		
Father's elder sister's son, said by female cousin		
Mother's younger brother's son, said by female cousin.		
Father's elder sister's daughter, said by male cousin.		
Mother's younger brother's daughter, said by female cousin.		
Father's elder sister's daughter, said by female cousin.		
Mother's younger sister's son, said by male cousin.		
Mother's elder sister's son, said by male cousin		
Mother's younger sister's daughter, said by male cousin.		
Mother's elder sister's son, said by female cousin		
Mother's younger sister's son, said by female cousin.		***************************************
Mother's elder sister's daughter, said by male cousin.		
Mother's younger sister's daughter, said by female cousin.		
Mother's elder sister's daughter, said by female cousin.		
Father's younger sister's son's wife, said by male cousin-in-law.		· · · · · · · · · · · · · · · · · · ·
Husband's mother's elder brother's son, said by female cousin-in-law.		
Father's younger sister's daughter's husband, said by male cousin-in-law.	, , , , , , , , , , , , , , , , , , , ,	
Wife's mother's elder brother's son, said by male cousin-in-law.	· · . · . · · · · · · · · · · · ·	

English.		REMARKS.
Father's younger brother's son's wife, said by male cousin-in-law.		
Husband's father's elder brother's son, said by female cousin-in-law.		
Father's younger brother's daughter's husband, said by male cousin-in-law.		
Wife's father's elder brother's son, said by male cousin-in-law.		
Husband's father's younger sister's son, said by female cousin-in-law.		
Mother's elder brother's son's wife, said by male cousin-in-law.		
Husband's father's younger sister's son's wife, said by female cousin-in-law.		
Husband's mother's elder brother's son's wife, said by female cousin-in-law.		
Husband's father's younger sister's daughter, said by female cousin-in-law,		
Mother's elder brother's son's wife, said by female cousin-in-law.		
Husband's father's younger sister's daughter's husband, said by female cousin-in-law.		
Wife's mother's elder brother's son's wife, said by male cousin-in-law.		
Husband's father's younger brother's son, said by female cousin-in-law.		
Father's elder brother's son's wife, said by male cousin-in-law.		
Husband's father's younger brother's son's wife, said by female cousin-in-law.		
Husband's father's elder brother's son's wife, said by female cousin-in-law.		
Husband's father's younger brother's daughter, said by female cousin-in-law.		
Father's clder brother's son's wife, said by female cousin-in-law.		
Husband's father's younger brother's daughter's husband, said by female cousin-in-law.		
Wife's father's elder brother's son's wife, said by male consin-in-law.		
Father's younger sister's son's wife, said by female cousin-in-law.		
Husband's mother's elder brother's daughter, said by female cousin-in-law.		
Father's younger sister's daughter's husdand, said by female cousin-in-law.		
Husband's mother's elder brother's daughter, said by male cousin-in-law.		-1
Father's younger brother's son's wife, said by fe- male cousin-in-law.	· · · · · · · · · · · · · · · · · · ·	15.15
Husband's father's elder brother's daughter, said by female cousin-in-law,		
Father's younger brother's daughter's husband, said by female cousin-in-law.		
Wife's father's elder brother's daughter, said by male cousin-in-law.		
Wife's father's younger sister's son's wife, said by male cousin-in-law.		
Husband's mother's elder brother's daughter's husband, said by female cousin-in-law.		
Wife's futher's younger sister's daughter's husband, said by male cousin-in-law.		
Wife's mother's elder brother's daughter's husband, said by male cousin-in-law.		
Wife's father's younger brother's son's wife, said by male cousin-in-law,		

English.	Remarks.
Husband's father's elder brother's daughter's husband, said by female cousin-in law.	
Wife's father's younger brother's daughter's husband, said by male cousin-in-law,	
Wife's father's elder brother's daughter's husband, said by male cousin-in-law.	
Mother's younger brother's son's wife, said by male consin-in-law.	
Husband's father's elder sister's son, said by fe- male consin-in-law.	
Mother's younger brother's daughter's husband, said by male consin-in-law.	
Wife's father's elder sister's son, said by male consin-in-law.	
Mo ' ; younger sister's son's wife, said by male consin-in-law.	
Husband's mother's elder sister's son, said by female cousin-in-law.	
Mother's younger sister's daughter's husband, said by male consin-in-law.	
Wife's mother's elder sister's son, said by male cousin-in-law,	
Husband's mother's younger brother's son's wife, said by female cousin-in-law,	
Husband's father's eider sister's son's wife, said by female cousin-in-law.	
Husband's mother's younger brother's daughter's husband, said by female cousin-in-law.	
Wife's father's elder sister's son's wife, said by male cousin-in-law.	
Husband's mother's younger sister's son's wife, said by female cousin-in-law.	
Husband's mother's elder sister's son's wife, said by female cousin-in-law,	
Husband's younger - ter's daughter's husband, said by female cous n-in-law.	that the second of the second
Wife's mother's elder sister's son's wife, said by male cousin-in-law.	
Wife's father's younger sister's son, said by male const sind ea.	
Mother's elder brother's daughter's husband, said by male cousin-in-law.	
Wife's father's younger sister's daughter, said by male cousin-in-law.	
Mother's elder brother's sister's husband, said by female cousin-in-law.	 este en
Wife's father's younger brother's son, said by male cousin-in-law.	
Father's elder brother's daughter's husband, said by male cousin-in-law.	
Wife's father's younger brother's daughter, said by male cousin-in-law.	
Father's elder brother's daughter's husband, said by female cousin-in-law.	
Husband's mother's younger brother's son, said by female cousin-in-law.	
Father's elder sister's son's wife, said by male cousin-in-law.	
Husband's mother's younger brother's daughter, said by female cousin-in-law.	 1
Father's elder sister's son's wife, said by female consin in-lay.	
Husband's mother's younger sister's son, said by female consin-in-law.	
Mother's elder sister's son's wife, said by male cousin-in-law.	

AT-9-		
English.		Remarks.
Husband's mother's younger sister's daughter, said by female cousin-in-law.		
Mother's elder sister's son's wife, said by female cousin-in-law.		
Mother's younger brother's son's wife, said by fe- male cousin-in-law.		
Husband's younger brother's daughter's husband, said by female cousin-in-law.		
Mother's younger brother's daughter's husband, said by female consin-in-law.		
Wife's father's elder sister's daughter, said by male cousin-in-law.		
Möther's younger sister's son's wife, said by fe- male consin-in-law,		
Husband's mother's elder sister's daughter, said by female cousin-in-law,		
Mother's younger sister's daughter's husband, said by female consin-in-law.		
Wife's mother's elder sister's daughter, said by male cousin-in-law.		
Wife's mother's younger brother's son, said by male cousin-in-law.	we want to the second of the s	
Father's elder sister's daughter's husband, said by male cousin-in-law.		
Wife's mother's younger brother's son's wife, said by male cousin-in-law,		
Husband's father's elder sister's daughter's husband, said by female cousin-in-law.		
Wife's mother's younger brother's daughter, said by male cousin-in-law,		
Father's elder sister's daughter's husband, said by female cousin-in-law.		
Wife's mother's younger brother's daughter's husband, said by male cousin-in-law.		
Wife's father's elder sister's daughter's husband, said by male cousin-in-law.		
Wife's mother's younger sister's son, said by male cousin-in-law.		
Mother's elder sister's daughter's husband, said by male cousin-in-law.		
Wife's mother's younger sister's son's wife, said by male cousin-in-law.		
Husband's mother's elder sister's daughter's husband, said by female cousin-in-law.		
Wife's mother's younger sister's daughter, said by male cousin-in-law.		
Mother's elder sister's daughter's husband, said by female cousin-in-law.		
Wife's mother's younger sister's daughter's husband, said by male cousin-in-law.		
Wife's mother's elder sister's daughter's husband, said by male cousin-in-law.		
	1.88.8.8.1.88.8.8.8.8.8.8.8.8.8.8.8.8.8	

Relationships arising from the fourth generation.

English.	Remarks.
Great grandson, said by great grandfather	
Great grandfather, said by great grandson	
Great grandson, said by great grandmother .	
Great grandmother, said by great grandson .	
Great granddaughter, said by great grandfather	
Great grandfather, said by great granddaughter	
Great granddaughter, said by great grandmother.	
Great grandmother, said by great granddaughter.	
Grand-nephew, said by grand-uncle	
Grand-uncle, said by grand-nephew	
Grand-nephew, said by grand-aunt	
Grand-aunt, said by grand-nephew	
Grand-niece, said by grand-uncle	
Grand-uncle, said by grand-niece	
Grand-niece, said by grand-aunt	
Grand-aunt, said by grand-niece	
Step-son, said by step-father	
Step-father, said by step-son	
Step-son, said by step-mother	
Step-mother, said by step-son	
Step-daughter, said by step-father	
Step-father, said by step-daughter	
Step-daughter, said by step-mother	
Step-mother, said by step-daughter	
AARARRAN AA	

In some Indian languages there are certain words used for the names of children, given them in the order of their birth, so that the child's name indicates the order of its birth. There are two sets of these words, one set being given to males, the other to females; thus, if the first born is a boy, he takes his name from the male set; if a girl, her name from the female set; these words will therefore have the signification of first born, second born, third born, etc., though the numerals may not enter into their composition. There may be warfations of this plan.

If such a system is not found, crase "is named" from the schedule and obtain the equivalent of the phrase thus changed.

English,	Remanns.
The first born child (if male) is named	
The first born child (if female) is named	
The second born child (if male) is named	
The second born child (if female) is named	
The third born child (if male) is named	
The third born child (if female) is named	
The fourth born child (if.male) is named	
The fourth born child, if female) is named.	
The fifth born child (if male) is named	
The fifth born child (if female) is named	
The sixth born child df male is named	
The sixth born child (if female) is named	
The seventh born child (if male) is named.	
The seventh born child (if female) is named	
Male orphan, father dead	
Male orphan, mother dead.	
Male orphan, father and mother dead	
Femace orposh, ather deal	
Female orpnan, mother dead	
Female orphan, Esther and mother dead	
Father whose children have all died	
Mott, r whose children have all died	
Son born after the death of father.	
Daughter born after the death of father	
Still-born male child	
Still-born tennae child	
A	.

IV.-SOCIAL ORGANIZATION.

A group of relatives, tracing a common lineage to some remote ancestor, constitutes a body known to white men as a gens or clan. There is usually a term signifying gene, or family in this large sense. There is also a proper name for each genes. Sometimes the people of two or more genes. call each other brothers, and this constitutes a phratry.

It is often difficult to discover a common noun signifying gens, or family in this product sense; while, on the other hand, it is sometimes difficult to discover the proper name of the gens; perhaps such proper names are not always given. With Indians skilled in picture-writing, the emblem of the gentile name, that is, the totem, is usually painted or carved on many valuable articles of property, and is often inscribed on documents, such as messages, treaties, &c. The gentes are frequently given the names of animals.

sages, treaties, &c. The gents are frequently given the names of animals.

The gens is the grand unit of social organization, and for many purposes is the basis of governmental organization, as many rights and duties inhere in it. The gentile organization is very widely spread, and may be universal. It has often been overlooked, even by those well acquainted with the Indians, from the fact that some tribes either have no proper names for the gentes, or else scrupniously conceal them.

It is the right and duty of the gens to average the death of, and personal injuries on, any of its members; and again, a man may not marry in his gens. These two lines of inquiry will generally lead to the discovery of the gens, and the words called for below. The subject is worthy of thorough

investigation.

English,		Remarks.
Gens common noun,		
		-
State how the grown are group to pheaters		
· · · · · · · · · · · · · · · · · · ·	**	

V.-GOVERNMENTAL ORGANIZATION.

Usually a small number of persons are organized under one chief, and claim some small tract of ground as their home, and frequently take the name of such country; as the Kai-bab-its, living on the Kai-bab, a great pleateau of northern Arizona. This is the unit of governmental organization, and is his summander of such country; as the Kai-bab-its, living on the Kai-bab, a great pleateau of northern Arizona. This is the unit of governmental organization, and is his summander. Let us call it a chief alarty.

and is by some authors called a tribe, by others a band, and by still others a chieftaincy. Let us call it a chieftaincy.

While the proper name of the chieftaincy is the name of the country which it inhabits, and is the titledeed to its home, many soubriquets are used, as we call an Hilmionian a 'sucker,'' or an Ohioan a "buckeye;' it hus soubriquets are given indicating peculiarities of the people, and often relating to their food, as dog eaters, acorn eaters, fish eaters, &c. Sometimes other peculiarities are indicated, as white knives, reed knives, &c. The range of these terms is often very indefinite; the people of many chieftaincies may be known as "fish eaters," or as "white knives; again a chieftaincy or large group of people may have a soubriquet given them by tribes on one side, and another given them by tribes elsewhere. Usually the names by which the Indians have been known to the white men are corrupted soubriquets. Much difficulty will usually be found in obtaining the true of land-name of the chieftaincy from the fear that it may be used to the disadvantage of the people through methods of sorecry. Where the Indians have been driven away from their ancient homes and this organization broken up, these names rapidly become obsolete; but they should be obtained when possible. The names by which they designate other chieftaincies should also be noted. The chieftaincy as above described is the unit of governmental organization.

Two or more chieftaincies speaking the same language or slightly varying dialects are often organized in one body—sometimes called a confederacy, sometimes a tribe. Let us call it a confederacy. Often two or more such confederacies are temporarily, or more permanently, united in a grand alliance, called by some authors a confederacy, by others a nation, and by still others league. Ext us call it a league. Such a league may be composed of people speaking different languages. In some of the greater confederacies, or leagues of long standing, the organization by chieftaincies appears to have been lost; at any rate this seems to be the case with the league of the Iroquois; but traces of the chieftaincy organization remain in the great league of the Dakotas. The boundary-line between confederacy and league cannot be definitely drawn.

It has frequently been found impossible to obtain the common name for the chieftaincy, confederacy, or league; on the other hand, the common names are sometimes readily found, while the proper names are not easily discovered.

The proper name of a league is often a word directly signifying or symbolizing "banded together," and thus the proper and common name may be one and the same. The remarks above concerning the soubriquets of chieftaincies apply with still greater force to confederacies and leagues, and a multiplicity of such terms may be found among the surrounding tribes, and all recognized by the tribe to which they are applied.

Indian people usually have a word signifying "one of us," and in the schedule below the term *Indian* is given as its nearest synonym. The term is used to distinguish the Indians from the tribes of animals and mythological persons recognized by them. Another is used to designate whitemen. Among the southwestern tribes two such terms are used, one denoting those who came from the est.

who came from the east,	
English.	Remarks.
Chieftaincy (common noun)	
Name of chieftainey	
Confederacy (common noun)	
Name of confederacy	
Chief of confederacy (common noun)	
Name of chief of confederacy	
Council	
Council chamber (sometimes built under ground, and called sweat-house.)	
Council chief common noun)	
Name of council chief	
War chief (common noun)	
Name of war chief	
Friend (one of the gens)	
Friend (one not of the gens)	
Enemy (one of the gens)	 -
Enemy (one not of the gens)	
Stave	
India.	
Whiteman (from the east;	
Spaniard (whiteman from the south) .	

GOVERNMENTAL ORGANIZATION-Continued.

League (common noun) Name of league

VI.-RELIGION.

Some of the Indians have nature gods, i.e. a god of the east, a god of the west, a god of the north, and a god of the south; a god of thunder, the sun, moon, stars, &c. As stated elsewhere, the greater number of their gods are animals—the progenitors or prototypes of the present species. They also have daimon gods, i.e. the gods or presiding spirits of rivers, lakes, springs, mountains, corn, beans, &c. Many hero-gods are worshiped—wonderful people of the long ago. The names of all such gods should be discovered and recorded when possible.

On inquiring of the Indians about their gods the term "god" should not be used, for by this they understand the God of the white man. Their

On inquiring of the Indians about their gods the term "god" should not be used, for by this they understand the God of the white man. Their generic or class-name for god is often a term signifying "the ancients"—those who lived long ago, or some equivalent expression. Inquire then for wonderful ancient people, wonderful ancient animals; the first people, the first animals. The student of Indian languages can do royal service to ethnology by stopping now and then in his linguistic work to record the interesting stories which the more intelligent Indians may be induced to relate concerning the wonderful personages of their mythology. Nor should these stories be neglected because of their simplicity, inconsistency, or vulcarity.

Indian dances are generally of a religious character, and, with their names, a brief description should be given. A blank is left below for the names of gods, dances, songs, &c.

English.		Remarks.
God. (The supreme ruler—the white man's God.)		
The gods (com, noun)		
The ancients-wonderful beings of the past		
The future world		
 3 <u></u>		
	·	
···		
		-
Shaman, (Medicine man)		1
Ghost, (Departed spirit returned)		
Choop (Arepatetree Parketree Parketr		

VII.-DISPOSAL OF THE DEAD.

There is a great diversity in the manner of burying the dead. Some bury in the ground, others on seaffolds; some in cances which they turn adrift, &c. Their methods should be discovered and recorded, together with the ceremonics and customs relating thereto.

Some Indians periodically collect the bones of the dead and bury them in common ossuaries. It seems probable that only persons of the same gens are buried together. Some tribes practice cremation.

Record in the blank below the names of any articles that may be laid away with the dead or burned in cremation.

We are the same of	
English.	REMARKS.
Dead body	
Corpse of man.	
Corpse of women	
Corpse of boy	
Corpse of girl	
Spirit or soul	
Grave in the ground	
Scathold for the dead	
*	
	 1

DISPOSAL OF THE DEAD-Continued.

English,	Remarks.
	· · · · · · · · · · · · · · · · · · ·
<u></u>	
,	

VIII.-DRESS AND ORNAMENTS.

English.	Remarks.
Hat (any covering for the head)	 ****
Hat woman's	
Head-dress of feathers	
Mask	
Neekby cort but,c	
Necklace of bird-bills	
Necklage of bir belows	
Necklace of bears' claws	
Neekla works as Is a second se	
Toga or skin shirt	
Long gown (extending from shoulder to ankles)	
Short gown (extending from waist to knees)	
Apron of Skin	
Retro skin	
Lour c'oth, crbness, cent, of skin.	
Leggings of skin, man	
Mocensins	
Blanket	 = =
Robe of bear skin	
Robe of buffalo skin	
Roberof deer skin	
Robe of rabbitskins	
Robe of wilded skins	
Fringe of 8km	
Paint, black	
Paint, red	·····
Paint, yellow	
Tattoo marks	
Buck-kin	
Antelope skin	
Sheep skin	
Elk skin	
Rabbitskin	

DRESS AND ORNAMENTS-Continued.

ENGLISH.		REMARKS.
		_
Beryer skin		
Otter skin		
Awl of bone		
Sinew		
Thread of sinew		
Thread of skin		
	.	
<u> </u>		

IX.-DWELLINGS.

Very many tribes have two kinds of dwellings, permanent and temporary. That is, besides the homes which they occupy the greater part of

Very many traces have two knats of awerings, permanent and temporary. That is, pesudes the home which they ceeply the greater part of the year, they build temporary logding-places when they are hunting, fishing, etc. A description of both classes of dwellings should be given.

The Pueblos people and many other tribes have large communal houses, either of wood or stone, which are divided into compartments. In some of these houses the divisions are very complete, while in others they are but imperfectly indicated. The way in which these divisions are remade and the rules for assigning the occupants to them should be discovered and given. There may be specific names for the different compartments; if so,

In all dwellings, communal or family, the Indians are punctilious in assigning places to the regular occupants and to visitors. Their rules for such occupancy are important.

such occupancy are important. The assembly chamber has often been called a sweat-house. Sometimes the same structure is used for both purposes, but usually two different structures are used. Among the Pueblos and many other tribes the assembly chamber and sweat-house are under ground. The women construct measurant orders; they are tude sometimes the chamber and solders; they are tude sometimes the chamber and solders; they are tude sometimes the chamber and solders.

English.		7.1.14.118.
Earth bake		
Brush lodge		
Tule lodge		
Pole lodge		
Slab lodge		
skin lodge		
Mensirual lodge		
Lodge-pole	· · · · · · · · · · · · · · · · · · ·	
Lodgespan		
Doorway (of lodge)		
Doorthap of lodge		
Smoke-hole		
Mat (for lodge)		
Bed		
Fire		
Blaze		
Living coals		
Dead coals.		
Ashes		
Smoke	***************************************	
Soot		
Fire-place		
Fire-wood		
Poker		
Communal house		
Room		

DWELLINGS-Continued.

English,		Remarks.

######################################		

BARROWS		
***************************************		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

X.-IMPLEMENTS AND UTENSILS.

English.	Remarks.
Bow of wood.	
Bow of horn	
Fave train	
Sinew on back of bow	
Δ) του	
Notch in end of arrow for bow-string	
Notch in end of arrow for arrow-head	
Arrow-head of stone	
Arrow-head chipper (made of horn)	
Point of arrow-head	
Arrow-shaft of reed	
Atronessatt of wood	
Greate in atroxeship	
Arrow-shaft straightener (made of horn)	
Arrow-shaft polisher (made of stone)	
Cement used in fastening arrow-heads	
Arrow feathers	
Quiver	
Quiver strap	
Wrist-guard	
War-club	
Warspear	
Fishspear	
Shield .	
Sling	
Canor	
Canteen made or a bladder	
Drum	
Fish-line	
Fish-net	
Fish-hook	
Net for catching rabbits.	
Net for catching fish	

IMPLEMENTS AND UTENSILS-Continued.

English.		Remarks.
Pipe, of stone)	
Pipe-stem, of reed		
Pipe-stem, of wood	: 	

	1	
	,	
••		

		;_ · · · · ·
		; ;

IMPLEMENTS, ETC.-Basket-ware.

English.	REMARKS.
Large conical seed-basket (carried on back)	
Hand seed-basket	
Seed-fan (for beating seed into a basket)	
Winnowing basket	
Flour-tray (basket-ware)	
Bread-tray (basket-ware)	
Berry-basket	
Trinket-basket	
Fish-basket	
Fishing-basket (dip-net of basket-ware)	
Large water-jug (for holding water in lodge)	
Large water-jug (of basket-ware covered with pitch).	
Large water-bottle (for holding water in lodge)	
Large water-bottle (of basket-ware covered with pitch).	
Small pilgrim bottle (of basket-ware covered with pitch).	

IMPLEMENTS, ETC.-Wooden-ware.

English.		REMARKS.
Cup or dipper		
Bread-tray		
Meat-tray		
Bowl		
Mortar		
Pestle		
Fire-drill		

•••••		

IMPLEMENTS, ETC .- Utensils of shell, horn, bone, &c.

English.		Remarks.
Horn cup		
Horn ladle		
Turtle-back dish		
Fleshing implement, of notched bone		
Dressing-knife, of bone		
	T.	
	1	
	,	

	1	
		-
	100000	
	1	

IMPLEMENTS, ETC.-Stone implements.

English.		Remarks.
Axe		
Δάλε		
Hoe		
Kuite		
Knite-handle		
Knife-point		
Knife-edge		
Seraper		
Porer		
Mealing-stone, large		
Mealing-stone, small		
Mortar		
Pestie		

	1	

IMPLEMENTS, ETC.—Pottery.

English,	Remarks.
Large water-jug (for holding water in lodge)	
Large water-bottle (for carrying water on back)	
Pilgrim bottle	
Grease-jar	
Meal-jar (round)	
Meal-jar (square)	
Large bowl	
Small bowl	
Tray	
Cup	
Lad'e	
	 1
	 }
	 ,

XI, I will.

Give names of different kinds of food used, and describe them. There are special names for different kinds of soups, stews, mushes, breads, ments, and various mixtures.

English.		Remarks.
Meal of seeds		***************************************
Cake		
Mush		
Ment	1	
Stew		
Soup		
	1	
· · · ·		
•		

XII.-GAMES AND SPORTS.

Give names and description of games, sports, and implements used.

English,		Remarks.
Doll		
Gourd-rattle		
Stilts		
Swing		
Song		
	V========= .	

** ** *********************************		

••••		
	`	

XIII.-ANIMALS.

Roöthelsm largely prevails among North American Indians—that is, many of their gods are animals; not the present race of animals, but the pregenitors or prototypes of the present species. In the study of North American mythology it is very desirable that we know the names used by the Indians for the animals with which they are acquainted. It is manifest that from any one tribe but few of the names in the list can be collected for the reason that it includes many species restricted to limited geographic areas. The list should be considered simply as suggestive and should be increased—the collector adding the names of all the animals known to the tribe studies.

Sometimes the name for the ancient animal for animal god) has a different termination or is denoted by some other slight change in the word; where this is the case the animal name used for the name of a person is the same as the name of the animal god, rather than the name of the existing species.

The method of distinguishing sex should also be noted, which is generally by the use of words signifying male and female; also note the name of the young of each species. It is a mistake to suppose that the Indians have no class-names or generic terms; such terms are very common among them, but their methods of classification do not agree with those used by eivilized people—that is, their generic terms embrace categories easily recognized by a savage people, but different from those recognized by a civilized people. Thus a class-name may be found to embrace those animals which live in trees, as raccoons, porcupines, squirrels, &c.; another, those which burrow, as badgers, prairie-dogs, &c.; and still another, those which roam over the plains, as buffalloes, deer, antelope, &c.

All animate and inanimate objects are thrown into classes, among the several tribes, in diverse and curious ways. Not only do the Indians have many class-names, but class distinctions are curiously woven into the grammatical structure of their languages. An Indian system of classifying natural objects is a very interesting subject for study.

Manuals

Mammals.		
English.		REMARKS.
Armatillo		
Antelope		
Buffalo		
Bison		
Bison, word		
Beaver		
Badger	······	
Bear, grizz,y		
Bear, cinnamon		
Bear, black	· 	
Caribon ewood and,		
Caribou (barren ground)		
Chipmunk		
Cat, wild		
Cat, tiger		
Cat, eivet		
Cat, black		
Dog		· · · · · · · · · · · · · · · · · · ·
Deer		
In cr. naute	· · · · · · · · · · · · · · · · · · ·	
Deer, white-tailed		
Deer, black		
Eak		
Ermine		

ANIMALS. Mammals-Continued.

ENGLISH.	REMARKS.
Fox yellow.	
.Fox (small, dark)	
-Fox (red)	
Fox (gray)	
Fox(cross)	·
Fox silver	
Fox black	
Foxikit	
Fisher	
Gopher	
Gopher, pocket	
Goat, mountain	
Ground-hog	
Jagnar	
Lynx	
Lemming	
Lion, mountain	
Mouse (stone)	
Mouse (tuft-tailed)	
Mouse (jumping)	
Mouse(house)	
Mouse(wood)	
Mouse (white-footed)	
Mouse (field)	
Mouse (meadow)	
Mouse (prairie).	
Mole	
Martin	
Marmot	
Moose	
Muskrat	
Otter	
Otter, sea	

ANIMALS, Mammals-Continued.

English.	Remarks.
Oposum	
Ox, nausk	
Panther.	
Prairie-dog	
Porcuping	
Peccary	
Rat (common)	
Rat (black	
Rat (bush,	
Rat (Kangaroo	
Rat emountain	
Rabbit white	
Rabbat gray,	
Rabbit Jackass	
Rabbit (mule,	
Rabbit ,small)	
Rabbit little chief or cony,	
Raccoon	
Sable	
Skunk	
Sheep, mountain	***************************************
Squirrel (gray)	
Squirrel (black)	
Squirrel (ground)	
Squirrel(red)	
Squirrel (flying)	
Wolf	
Wolf (white	
Wolf (gray	
Wolf (dusky	
Wolf (prairie, coyote)	
Weasel	
Wolverine	

ANIMALS. Mammals-Continued.

ENGLISH.	Remarks.
Woodchuck	
<u> </u>	

ANIMALS.—Parts of the body, &c., of mammals.

Having obtained the names of mammals, the student should proceed to obtain parts and organs of the body, and the following suggestion is made in the hope it may prove useful. Make a present of a beef or mutton to the Indians. You will thus secure their goodwill and obtain much assistance in your work, and at the same time you can make it a special occasion reollecting that very interesting class of words relating to the parts and organs of the body. Care should be taken that the animal is dissected slowly, and, as the parts are given out, obtain the words called for and such others as may be convenient.

The words can afterward be verified by killing a rabbit, squirrel, or other animal.

The state of the s	
English.	REMARKS.
Antlers	
Bout	
Boun	
(188	
Pater	1
Entra s	
Int	
Graf. *	
iloe'	
II:1	
Ного	
И	
Heat	
Intesteurs	
for	
L.m.s	
Lave a comment and a comment a	
Muse +	
Meet	
М. Вълг	
Mi	
Pents	
Ros isump	
S. 1 ·	
Stot oh	
Spir	
8.6 - 0	
S	

ANIMALS.—Parts of the body, &c., of mammals—Continued.

English.		REMARKS.
Tendon, or leader		
Teeth		
Tongue	1	
Testicles		
Windspipe .		
Womb	· ····· · · · · · · · · · · · · · · ·	
		····· ··· ··· ··· ··· ··········· ···
**		
	!	
	·	
, J		
** ***		

ANIMALS,-Birds.

English.	Remarks.
Albatross	
Awar	
Aul:	
Battern	
Bluebird	
Bluejay	
Eutchersbird	<u> </u>
Blackbird	
Blackbird (red-winged)	
Blackbird (white-winged)	
Blackbird (yellow-head)	
Blackbird (crow)	
Bunting	
Bunting (towhee)	
Bunting (snow)	
Bobolink	
Builbut	
Boowarte	
Chicadee	
Creeper	
Catburd	
Cedar-bird	
Cherry-bird	
Crossbill	
('owbind	
Crow	
Crow (carrion)	
Cock of the plains	
Curlew	
Crane (white or whooping)	
Crane (brown or roundbil)	
Cont	
Cormorant	***************************************

ANIMALS,-Birds-Continued.

ENGLISH.		Remarks.
Chaparral cock		*****
Cuekoo		
Cuckoo (ground)		
Dipper		
Daye .		
Dove, Turtle		
Dove (small ground)		
Dabehick		
Duck (mallard)		
Duck (red-head).		
Duck (black-head)		
Duck (canvas-back)		
Duck (wood or summer)		
Duck (buffalo-head)		
Duck (surf)		
Duck (ruddy)		
Eagle (gray)	, - · · · · · · · · · · · · · · · · · ·	<u></u>
Eagle +1 ch		
Eagle (white-headed)	,	
Eagle (white-tailed)	,	
Fly-catcher	·	
Field-lark		
Fricker		
Fulman		
Fineh		
Finch (grass)		
Goldtineli.		
Crossheag		
Cirack's		
Grouse prinated	1	
Grouse whate		
Godwit		

ANIMALS, Books Commond.

English.	REMARKS.
Goose (white-fronted)	
Goose (blue)	
Goose (white)	
Goose, Canada	
Crtts.	
Gn.! 6 ron	
Gul, ing-bihod	
Grebe	
Hannergebird	
Hawk (marsh)	
Hawk (chicken)	
Hawk (hen)	
Hawk (pigeon)	
Hawk (sparrow)	
Hawk (duck)	
Hawk (red-tailed)	
Hawk (swallow-tailed)	
Hawk (fish)	
Hawk (night)	
Heron (great blue)	
Heron flitte) has	·
Heron (great white)	
Heron (little white)	-
Heron (green)	
Night-heron	
Dis glossy:	
Inda ishen	
Kingbird	
Kugtsher	
Late:	
Loon	
Derg	
Martin (purple)	

ANIMALS,-Birds-Continued.

English.	REMARKS.
Martin (bee,	
Meadow-lark	
Magpie	
Mother Cary's chickens	
Mutch-hotch	
Oriole	
Osprey	·
Oyster-entener	
Owr great-horneds.	
twi sepach	
Owl (eared)	
Owl (white snowy)	
Owl (burrowing)	
(tpsr)	
Perwer	
Partridge	
Prairie-hen	
Pheasant	
Ptarmigan	
Plover (black-bellied)	
Plover (golden)	
Plover (killdee)	
Plover (ring-necked)	
Plover (mountain)	
Pintail	
Pelican (white)	
Pelican (brown)	1
Petrel	
Pageon	
Pageon sea	
Quail	
Redbird	
Redbird (cardinal)	

ANIMALS, Book Continued,

ENGLISH.	Remarks.
Rend-bird	
Raven	***** **** ****************************
Robin	
Read-ranner	
Rad	
Swalow	
Swallow achimney	
Swallow (barn)	
Swallow (white-bellied)	
Swallow (green-backed)	
Swallow (cliff)	
Swallow (bank)	
Swallow (sea)	
Shrike	
Song-sparrow	
Snow-bird	
Seissor-bird	
Sage-cock	
Snipe	
Sandpiper	
Sanderling	
Swan	
Scoter	
Shoveler	
Shag	
Shearwater	
Sparrow	
Fanager	
Turkey-buzzard	· · · · · · · · · · · · · · · ·
Turkey	
Turn-stone	
Tatter	
Teet	

ANIMALS,-Birds-Continued.

ENGLISH.	REMARKS.
Teel (green-winged)	
Teel (blue-winged)	
Teel (cinnamon)	-,
Terne	
Terne black	
Totatii	
Titinease	
Thrush	
Thanh william and a second second second	
Titterk	
Vulture (great Californian)	
Vultur-stance	
Wagtail	
Whip-poor-will	
Woodpeakel	
Woodpecker (spotted)	
Woodpecker(yeilow-bellied)	
Woodpecker (large black)	
Weedpieker in bland	
Woodpeser Lewis	
Widgeon	
Wather	
Wren	
Woodcock	
Yellow-hird.	
Yellowsky aks	
Yellow-hammer	
	,

ANIMALS.—Parts of the body, &c., of birds.

ENGLISH.	REMARKS.
Beak, or bid	
Month	
Tongue	
Еу	
Comb	
Neck	
Neck-feathers	
W.hgs	
Wing-feathers	
Taul	
Tail-6 athers	
Les	·
Tors	
Catas	
Spur	
Heat	
Oai	
I,,vc:	
L: N	
G.ZZepł.	
Entrait	
Ver:	
Es	
Shell (of egg)	
Yolk (of egg)	
White of egg	

ANIMALS.-Fish.

English.		REMARKS.
to an in		
Fel		
Halibut		
Mullet		
Oyster		
Porpoise		
Sturgeon		
Salmon		
Seal	·	
Smelt		
Trout		
Whale		

)
		·

		·
	,	
		·,

ANIMALS .- Parts of body, &c., of fish.

English.	Remarks,
Mouth	
Eye	
Gills	***************************************
Breast-fin	***************************************
Belly-tin.	
Back-fin	
Tail-tin	
Roe-fin	
Bladder	
Gall	
Liver	
Scales	

ANIMALS.—Reptiles.

English.	Remarks.
Freg	
Lazard	
Battlesnake	
Rattle of snake	
Toad	
Torto.se	
##==== v- v	

ANIMALS,-Insects.

English.		Remarks.
Ant		., ., ., ., ., ., ., ., ., ., ., ., ., .
Bee		
Beechumble		
Flea		
Fly		
Grasshopper		
Louse		
Mosquito		
Maggot		
Spider		
Wasp-yellow,		

**** ** *******************************		1000

** * ** ** **** * ****		

ANIMALS,-Insects-Continued.

State how animals are c	lassifie !.
	a see

XIV.-TREES, SHRUBS, FRUITS, ETC.

The Indians have names for all the species and important varieties of trees and other plants with which they are acquainted. It does not seem best to give a specific list here, but the collector should obtain the names of as many plants as possible, and insert them in the blank below. The names of different fruits, such as berries, nuts, seeds, &c., should also be obtained.

There will usually be terms signifying pine forest, oak forest, cottonwood forest, &c. Please insert them.

English.	REMARKS.
Bud of tree	
Leat	
Outside bark	
Inner bark	
Body or trunk	
Root	
••••	

TREES, SHRUBS, FRUITS, ETC.-Continued.

English.		Remarks.

		······································

*****	• • • • • • • • • • • • • • • • • • • •	

	·	
* ****		
		V

XV.—THE FIRMAMENT, METEOROLOGIC AND OTHER PHYSICAL PHENOMENA AND OBJECTS.

Indians usually have many names for clouds, as they are distinguished by color, form, &c. Obtain as full a list as possible, with description, and insert in the blank below.

English.	REMARKS.
Clouds	
Sky	
Herizon	
889	
Мося	
Hall-thooh	
Crescent moen	
Stars	
Meteor	
Aurora	
Rolubow	
Fog	
Frest	
Snow	
Hail	
lee	
Icie.e	
Water	
Image reflected by water	
Foam	
Wave	

THE FIRMAMENT, METEOROLOGIC AND OTHER PHYSICAL PHENOMENA AND OBJECTS-Continued.

English.		REMARKS.
Current		
Eddy		
Tide		
Ran		
Thunder		
Lightning.		
Wind		, , , , , , , , , , , , , , , , , , , ,
North wind		1
Northeast wind		
East wind		·
Southeast wind		,
West wind		
Northwest wind		
Whirlwind		
The ground		
Inist		
Mud		
Sand		
Salt		
Stone		
***************************************	· 	
••••		
••••		
•••••	 	

*** ***********************************	 	

XVI.-GEOGRAPHIC TERMS.

A page is left blank for such geographic terms as hill, mountain, cliff, cañon, gorge, valley, plain, prairie, spring, brook, creek, river, pond, lake, sea, marsh, flat, &c., as are found in the country inhabited by the tribe studied.

English,		Remarks.
North		·
Northeast		
East		
Southeast		·
South		
West		
Southwest		
Northwest		
	,	
••••		

		1

GEOGRAPHICAL TERMS-Continued.

English.	Remarks.

** ** ******	
,	

XVII.-GEOGRAPHIC NAMES.

A very interesting field of investigation is found in learning the proper names given by the Indians to the several springs, rivers, lakes, mountains, indentations of the coast, &c., known to them. A blank is left for this purpose,

English.		Remarks.
	·	······································
		- · · · · · · · · · · · · · · · · · · ·
······		
	j	

XVIII.-COLORS.

Many other distinctions of color than those given below may be observed, and many arrangements of color noticed, as in spots, stripes, checks, etc., all of which should be recorded.

Intermediate this should be asked for, and frequently it will be found that words used for designating such are compounds of names understood by the Indians to indicate distinct colors. Thus, in the Ute language, www.kar' is red, to-ker is black, and brown is ww.fo-ker.

English.		Remarks,
Black		
Blue		
Brown		
Gray		
Green		
Purple		
Rol		
Roan		
Scarlet		
Sorrel		
Vermilion		
White		
Yellow		
* ********		

***************************************	., ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

** * **********************************		

XIX.-NUMERALS.

Any intelligent Indian can easily count a hundred, and repeat this for as many hundreds as may be desired. When counting abstractly a common termination for the numeral will sometimes be used, signifying in count, in number, or something equivalent. If set to count a series of objects, he may repeat the name of the object each time. No difficulty will be experienced in obtaining the cardinal numbers, but much patience is required to obtain the ordinals and other categories of numbers.

In some Indian languages there is more than one set of cardinal numbers. Animate objects may be counted with one set, inanimate with another. They may have a particular set for counting fish, or for counting skins; perhaps a set for counting standing objects, and another set for counting stifting objects, see. When these different sets are used the words may simply have different terminations, or other incorporated particles, or the different sets may be composed of very distinct words. Occasionally an extra set of numerals may be found, the name of each number being a long phrase or sentence descriptive of the method of counting by fingers and toes.

The method of using the fingers and toes in counting should be carefully studied and minutely explained; also the method of indicating numbers to others in like manner. The most common method for counting in this manner is to turn down the little finger of the left hand for one, the next finger in order for two, the next finger for three, the next for four, and the thumb or five; then the thumb of the right hand for six, &c., until the little finger of the right hand is turned down for ten. This may be varied by turning down the little finger of the right hand for six and the thumb of the right hand for six and the thumb of the right hand for six.

In indicating numbers to others by the use of the fingers the little finger of the left hand may be extended and the other fingers turned down for one; the other numbers will be expressed by extending the fingers in the same order in which they were turned down for counting. In counting by tens, the Indian may close the fingers of both hands to indicate each ten, or he may extend the fingers of each hand, holding them with the palms turned toward the person spoken to.

In counting, some Indians resort to the fingers only, others to the fingers and toes. The first may result in a decimal system; the second in a vigesimal. All the facts relating to counting should be discovered and recorded.

ENGLISH. REMARKS. Two . . Three Four Seven Flight Nine Twelve ... Thirteen_. Fourteen Fifteen ... Seventeen Elighteen Nimeteen Twenty Twenty-one Twenty-two Twenty-three

Twenty-four ...

NUMERALS.—Cardinal Numbers—Continued.

English.		Remarks.
Twenty-five		
Twenty-six		
Two.ty-seven		
Twenty-eight		
Twenty-nine		
Thurty	***************************************	
Forty .		
Finy		
Sixty		
Severity		
Eighty		
Nin ty		
Oreeman of		
One hundred two		
One hundred three		
One hundre , jour		
One hundred five		
One hundred six		
One hundre Useven		
One hundred eight	 	
One hundred nine		
One hundred ten		
One hundred eleven		1
One hundred twelve		
Two handred		
Three numbered		
Four hundred		
Five hundred		
Six hundred		
Seven humbed.	,	
Eight humbred .		
Nine hundred		
One thousand.		

NUMERALS,-Ordered numbers.

ENGLISH.	Hestoria
First	
Second	
Thad	
Fourth	
Fitth	
Sixth	
Seventh	
1a_hth	
Nmth	
Tenth	
Eleventh	
Tweinh	
Thirteenth	
Fourtcenth	
Fifteenth	
Sixteenth	
Seventeenth	
Eighteer,th	
Xineteeath	
Twenteth	
Thrusto	
Fortieta	
Fiftieth	
One-half (in length)	
One-half (in quantity)	
A part in length	
A part (in quantity)	
All	
Some	
None	

NUMERALS.—Numeral adverbs denoting repetition of action.

English.		REMARKS.
Once		
Twice		
Thrice		
Four times		
Five times .		
Six times		
Seven times		
Eight times		
Nine times		
Ten times		
Eleven times		
Twelve times		
Trinfeen times		
Fourteen times	· · · · · · · · · · · · · · · · · · ·	
Fitteen times		
Sixteen times		
Seventeen times		
Eighteen times		
Nineteen times		
Twenty times		
Thirty times		
Forty times		
Fifty times		

		1

NUMERALS,-Multiplicatives.

English.		Remarks.
Two-tool	****	-
Three-fold		
Four-fold		
Five-fold		(-11-11
Six-fold		
Seven-fold.		
Eight-hold		
Nine-fold		
Tenstold		1.41.4.
Eleven-fold		F
Twelve-fold		
Thirteen-fold		
Fourtes, -fold		
Fitteer-told		
Sixteen-told.		
Seventeer-fold	******************	
Eighteen-fold		
Nineteen-fold		
Twenty-fold		
Thirty-fold		
Forty-fold		
Fifty-fold		

	,	

NUMERALS,-Distributives,

YNGLISH.		Remarks.
One to each		
Two to each	,	
Three to each		*** *** *******************************
Petition on the		
Five to each		
Six to each		
Seven to each .		
Pagnt bowel.		
National and additional and a second		
Ten to each		
Eleven to each		
Twelve to each		
Thirteen to each		
Fourteen to each		
Fifteen to selection		
Sixteen to each		
Seventeen to each		
Eighteen to each		
Nineteen to each		
Twenty to each		
Thirty by a war and a second		
Forty to caracteristics		
Pitty to each		

**************************************	***************************************	***************************************

XX.-MEASURES.

It is very desirable to discover primitive methods of measuring; that is, the methods used prior to the advent of the white man. Sometimes a

finger's length is used. In this case describe which finger is used, and how the measure is applied.

A frequent method for measurement of lengths is from the extremity of the long finger to the first wrinkle of the wrist, i.e. a hand. Another hand unit has been discovered: Having the fingers and thumb extended, the beginning is at the extremity of the thumb, and the string is passed "around the hand unit."

There is a unit of measurement used which may be represented by the distance from the long flager to the elbow, measured on the inside or outside of the arm, or it may be from the tips of the joined thumb and fore-finger to the clow, measured on the inside, i. e. a half arm's length.

Another unit used is the distance from the meeting of the tips of the thumb and fore-finger to the armpit; i.e., an arm's length; still another from the meeting of the tips of the thumb and fore-finger of one hand to the meeting of the tips of the thumb and fore-finger of the other hand, along

Distances between places were measured in days' journeys and fractions of day's journeys; the latter were often indicated by pointing out some part

English.	REMARKS.
· · · · · · · · · · · · · · · · · · ·	

MEASURES-Continued.

······································
<u> </u>

XXL-DIVISION OF TIME.

Indians have many ways of dividing the year into parts; they may have two, three, four, or even five seasons; they may divide the year into thirteen moons, and, in addition to one or both of the above methods, they may have many ways of designating particular times, as the strawberry time, the hazel-nut time, the kamas root time, &c. Their methods should be discovered and carefully described, recording the terms in the following blank.

ENGLISH.	Remarks.
A year	
A moon	
First half of moon	
Second half of moon	· · · · · · · · · · · · · · · · · · ·
First quarter of moon	
Second quarter of moon	
Third quarter of moon	
Fourth quarter of moon	
Night	
A day 24-hours	
Down	
Support	
Morning	
Mid-forenoon	
Noon	
Afternoon Sunset	
Dust	
Evening	
Midnight	
Day before yesterday	
Yesterday	
To-day	
To-morrow	
Day after to-morrow	
Now (adverb)	
Future time (adverb)	

DIVISION OF TIME-Continued.

The state of the s
· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·

XXII.-STANDARD OF VALUE.

One or more of the most important skins used by the Indians were often employed as standards of value, especially the heaver skin and the buckskin. Shells and other articles worked into heads and made into strings were also used. In some tribes eagle feathers were the standard of materials.

The collector should discover, if possible, what standards of value were used, whether one or more, and give a clear account of them, at the same time recording the terms used.

English.	İ	REMARKS.

STANDARD OF VALUE-Continued.

	time for y
	
	
····· ·· · · · · · · · · · · · · · · ·	
• • • • • • • • • • • • • • • • • • • •	
···· -	
	
<u></u>	
S. S	
•	

XXIII.-NEW WORDS.

It is interesting to discover the Indian methods of coining new words and adapting old words to new uses. For this purpose the following list of terms are given:

English.	Remarks,
Cal	
Sheep	
Horse	
Sadd c	
Budle,	
Carin	
Laurat	
Wmp	
Hoppis	
Spur	
Crujqe d'	
A\v	
Anger	
Iron arrow-head	
Awls of metal	
Broom	
Comb	
Clark	
Kuife, pocket	
Fork	
(milet	
Hoe	
Hammer	
Brass kettle	
Iron kettle	
Tin plate	
Plow	 l
Resper	
Sepsops	
Table	
Watch	
Pastol	

NEW WORDS-Continued.

Esq.,sit		REMARKS.
Rathrol		
Control		
Patho.		
Cap peressi		
Pow t		
Press		
Credet		
In		
Le (1		
81		
Cap or hat		
Necktie or neckerchief		
(c ·		
Vest		
Sh.:		
Pants		
Shr s		
Boot		
Slippers		
Stockings		
Bota		
Ribbons		
Sh. a1		
Dress 20Wii		
Bread		
Match, friction		
Sugar		
Tob., to		
Winky		
Frager-role		
Mirror		

NEW WORDS-Continued.

English,		Remarks,
		The state of the s
Picture		
House		
School-house		
Church		
Barn.		
Pene		
Pen		
Iuk		
Paper		
Pock		
Newspape.		
Rord		
W. 20 h		
Budge		
Plat'read		
Rashood of		
Railroad engine		
Steamboat		
Telegraph.		
Interpreter		* ** ***** * **************************
AAA. 8450 ABAA ABAA ABAA ABAA ABAA ABAA ABAA AB	***************************************	,

		1

XXIV.-PHRASES AND SENTENCES.

Pronouns, adjectives, adverbs, prepositions, conjunctions, interjections, and verbs are used only to a limited extent as distinct parts of speech, The degree to which they are differentiated is very unequal among the different languages

Adjectives are also verbs, that is, they may be used with a noun simply for description or qualification, and they may also be used to predicate

or assert; in such cases they may be conjugated as verbs. Adjectives may also be incorporated with nouns.

Distinct pronouns are found. In most languages, in addition to the simple pronouns there will be found an elaborate system of incorporated pronominal particles; when these are used, the separate pronouns may, or may not, be used in any particular case, but they always exist. The pronominal particles may be simple sounds represented by a single letter, or they may constitute one or more additional syllables, and may be prefixed, suffixed, or infixed, to form a part of the word. Nouns may also be used as verbs and conjugated, but such use is more limited,

There are some adverbs used independently of verbs, but often adverbial meanings are given by the incorporation of particles in the verb, or by the use of verbs which contain in themselves abverbial qualifications; the distinct adverbs may also be used as verbs, in which case they may be

Some prepositions are found as distinct words, but usually the office of the preposition is performed by some particle contained in the verb, or noun, and often the verb carries with it a prepositional meaning requiring a noun to complete the sense. The distinct prepositions may also be used

Few independent conjunctions are found; parts of sentences are usually joined together, and the relation of the clauses determined by inflections of the verb, or by the use of incorporated relative or demonstrative pronouns. In like manner, only a few interjections are found, but verbs often have exclamatory forms, and there are many exclamatory phrases and sentences. The interjections, whether distinct words or incorporated particles, have also adverbial meanings.

Indian languages have no verb which is used as a copula, as we use the verb "to be" in English. Nouns, adjectives, adverbs, prepositions, &c., that would be placed in the predicate after the verb "to be" in English, are in the Indian tongues used as verbs themselves; they are predicants, that is, they perform the office of predication. In obtaining the phrases and sentences below this must be constantly remembered

In view of these facts, so briefly stated, it does not seem wise to give a list of words in each of the parts of speech other than the nouns already given, but instead a series of phrases and sentences are arranged below, designed to bring out important facts of structure and obtain valuable words.

Where the word John and James is found in the schedule below the collector may employ any Indian name of a person, being careful to erase the word John or James, and insert the Indian word used in the English sentence. In the same manner, when the word Washington occurs, use any

English.	Remarks.
One man	
That e men	
Few Part	
Many men	
All the men	
Two women	
Three women	
Few women	
Many women	
All the women	
Two boys	
Few boys	
Many boys	
All the boys	
Two dogs	
Three dogs	

English.	REMARKS.
Few dogs	
Many dogs	
All the dogs	! !
One arrow	
Two arrows	
Three arrows	
Few arrows	
Many arrows	/ ·· ·· ·
All the arrows	
One hat	
Two hats	
Three hats	
Few hats	
Many hats	
All thebats	
One leaf	
Two leaves	
Three leaves	
Few leaves	
Many leaves	
All the leaves	
Onestone	
Two stones	
Three stones	
Few stones	
Many stones	
All the stones	
Male doz	
Female dog	
Male horse	
Female horse	
Male cat.	

English.	1	Remarks.
Male deer		
Female deer		
Male eagle		
Femule eagle		
This man		
That man		
Those two men		
These men		
Those men		
This woman		
That woman		
These two women		
Those two women		
These women		
Those women		
This boy		
That le y		
These two boys		***************************************
Those two boys		
These boys		
Those of s		
This day		
That deg .	:	
These (worlogs		
Those two does		
These does		
Those dogs		
This horse		
That horse		
These two horses		
Those two horses		**************************************
There horses		

English.	REMARKS.
Those horses	
This knite	
That knife	
Theoretwo kmyes	
Those (we knives	
These knives	
Those knives.	
Thats the control of	
That are	
These two axes	
Those two axes	
The · ONes	
These axes	
I am striking you (with closed hand or fist)	
I struck you	
I will strake you .	
You are striking me	
You struck the	
You will strike me	
I am striking him (this person)	
I struck him	
I will strike him	
I am striking him (that person)	
I struck him .	
I will strike him	
You and I are striking him (this person)	
You and I struck him.	
You and I will strike him	
We'more than two, are striking him (that person)	
We (more than two) struck him	
We (more than two) will strike him	
.I struck you repeatedly	
Lider struck James	

English.	 Remarks.
I am striking myself	
I struck myself	
I will strike myself	
You are striking yourself	
You struck yourself	
You will strike yourself	
He is striking himself	
He struck himself	
He will strike himself	
I was struck	
You and I were struck	
We were struck	
You were struck	
They were struck	
I am striking you (with a club)	
I struck you	
I will strike you	
You are striking me	
You struck me	
You will strike me	
I am striking him (that person)	
I struck him	
I will strike him	
You and I are striking him (this person)	
You and I struck him	
You and I will strike him	
We (more than two) are striking him (that person).	
We (more than two) struck him	
We (more than two) will strike him	
You (more than two) are striking him	
You (more than two) struck him	
You more than two will strike him	
I struck you repeatedly	

English.		Remarks.
John struck James		
I am striking myself		
I struck myself		
I will strike myself		
You are striking yourself		
You struck yourself	***************************************	
You will strike yourself		
He is striking himself	***************************************	
He struck himself		
He will strike himself		
I was struck		
You and I were struck		
We were struck		
You were struck		
They were struck		
I am kicking you		
I kicked you		
I will kick you		
You are kicking me		
You kicked me		
You will kick me		
f am kicking him (this person)		
I kicked him		
I will kick him		
I am kicking him (that person)		
I kicked him		
I will kick him		
You and I are kicking him (this person)		
You and I kicked him		
You and I will kirk him .	***************************************	
We (more than two) are kicking him (this person).	******	
We (more than two) kicked him		
We thore than two, will kick him		

English.	Remarks.
He is kicking you and me	
He kicked you and me	
He will kick you and me	
He is kicking him and me	
He kicked him and me	
He will kick him and me	
I kicked you repeatedly	
John kicked James	
I am kicking myself	
I kte'ed myse'i	
I will kick myself	
You are kicking-yourself-	
You kicke (yoursen	
You wile keen yourself	
Horsancking latinschool on the control of	
He kiew Thomself	
He will kick himself	
I was kieked	
You, all were kicked	
We were kiewed	
Yen vere kiesed	
They were kicked	
He is kicking us (several persons)	
He kicked us	
He will kick us	
He kicked us repeatedly	
I am hungry	
You and I are hungry	
We are jungry	
You are hungry	
They are hungry	
I was hungry.	
I will be hungry	

English.	Remarks.
John is hungry	
I am eating bread	
You and I are eating bread	
We are eating bread	
You are eating bread	
They are eating bread	
I was eating bread	
You and I were eating bread	
We were eating bread	
They were eating bread	
John is eating bread	
John is eating meat	
John is eating mush	
John is eating fish.	
John is eating soup	
The horse is eating corn.	
The cow is eating grass	
The bird is cating corn	
The bird is eating wheat	
I am thirsty	
I will be thirsty-	
John is thirsty	
The horse is thirsty	
I am drinking water	
I was drinking water	
I will drink water	
John is drinking water	
The horse is drinking water_a	
The dog is drinking water	
The bird is drinking water	1

English.		REMARKS.
I am talking		
I was talking		
I will talk		
You were talking		
He is talking		
John is talking		
I am crying		
I was crying		
I will cry		
You were crying		
He is crying		
John is crying		
I am singing		
I was singing		
I will sing		
You were singing		
He is singing		
John is singing		
I am shouting		
I was shouting		
I will shout		
You were shouting		
He is shouting	~	,
John is shouting		
I am whispering		
I was whispering		
I will whisper		·
You were whispering		
He is whispering		
John is whispering .		
I am laughing	,	
I was laughing		
I will laugh		

Englism.		REMARKS.
You were laughing		
He is laughing		
John is laughing		
I am smiling		
I was smiling		
I will smile		
You were smiling		
He is smiling		
John is smiling		
I am walking		
I was walking		
I will walk		
You were walking		
He is walking		
John is walking		
The cloud is drifting (slowly)		
The cloud is flying (fast)		
John is whistling		
John is running		
John is jumping		
John is jumping over a log		
The horse is walking		
The horse is running		
The horse is jumping over a log		
The meadow-lark is flying		
The snake is crawling		
The fish is swimming		
The dog is barking	·	
The horse is neighing		
The eagle is screaming		*************************************
The frog is croaking		
The bee is humming		***************************************
My horse is black		

	THEASES AND SENTENCES—CONTINUES.	
English.		REMARKS.
Your horse is white		
My knife is large		
Your knife is small		
His knife is sharp	434444	
John's knife is dull		
CER tent is old.		
Your tent is new		
Their tents are small		
Their tents are large		
Our horses are here	***************************************	
Your hars sale gole		
Their horses are gone		,
My hat is here		
Year had is time?		
This is my hat		
That is his hot		,
These are my horses		
These are your horses.		
Whose cow is this?		
This is my cow		
Whose horse is this?		
This is his horse		
Whose dog is thos?		
This is John's dog		
Whose bow is this?		
This is his bow		
Whose arrow is this?		
This is my arrow		
Whose knife is this?		
This is my knife		
Whose hat is this?		
This is your had		
Which is your horse?		

English.	Remarks.
Which is his cont?	
Which is your father?	
Which is your mother?	
Which is your arrow?	
Who stole my horse?	
John storeing horse	
You have a dog	
He has a dog	
Youand Finate hors s	
We have horses	
How many dees have year?	
How many horses have you?	
How metry acrows has John?	
He has hors s	
Tory take solse-	
Thereague	
We have gins	
I have a last	
They have buts	
When did yea eac?	
When did year armk?	
When will be active?	
Where is my while?	
Here is your whip	
Where is my coat?	
Your coat is neigh	
The book is here	
The book is trere	
Where is the notse?	
Where is the dog?	
Where is the lodge?	
I am (o.d	

English.		REMARKS.
You were cold		
He will be cold		t .
I am warm		
You were warm		
He will be warm		
I am tall		
You were tall		
The boy will be tall.		
The tree is tall		
The horse is high		
The house is high		
The rock is high		
The horse is large		
The horse is small		
The hat is large	,	
The hill is high		
The hill is low		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
The mountain is high		
The mountain is low		
It rains now		
It rained yesterday		
It will rain to-morrow	,	
It snows now		
It snowed yesterday		
It will snow to-morrow		
It hails now		
It hailed yesterday		
It will hail to-morrow	,	
It is cold now		
It was cold yesterday		
It will be cold to-morrow		
It is warm now		
It was warm yesterday.		

ENGLISH.		Remarks.
It will be warm to-morrow		
The north wind blows		
The north wind is blowing now.		
The west wind was blowing yesterday		
The south wind will blow to-morrow		
I am throwing a stone		
I threw a stone.		
I will throw a stone		
How many stones did he throw?		
Why did he throw a stone?		
Lon throwing a club		
I threw a club		
I will throw a club		
How many crubs did be throw a		
Why did he throw welling		
He is putting u.s.h. on the table.		
He will put is hat on the table		
You will put your hat on the table		
I will put my hat on the table		
He is putting his hat under the table		
He will put his hat under the table		
You will put your hat under the table		
I will put my hat under the table		
He is putting his knife in his pocket		
He will put his knife in his pocket	*** ***********************************	
You will put your knife in your pocket		
I will put my knife in my pocket		
The deer is standing in the bushes		
The man is standing on a log		
The axe is on the ground		
The whip is under the table		
The horse is on the hill		
The horse was on the hill		

ENGLISH,	REMARKS.
The horse will be on the hill.	
The awl is under the buckskin	
The awl was under the buckskin.	
The awl will be under the buckskin	
The lodge for house) is by the river (or creek)	
The lodge 'or house) was by the river (or creek)]
The lodge (or house, will be by the river (or creek)	
Wood floats in the water	
A stone staks in the water	
An arrow floats in the water	
A gun sinks in the water	
I see a deer	
He saw (200, 50 dio)	
You will see twelve deer.	
Lacacata owl crysta.	
	.!
I will go home.	
He went home.	
I will go to Washington	
He went to Washington	
I will go to Washington with John	
I will go to Washington with my tather	
I will go home with John	
I will go home with my father.	
I will go home before John	
I will go home before my father.	
I will go home after John.	
I will go home after my father	
I will ride my horse	
He rode my horse	
Why did he not ride his horse?	
I will ride him	
I will take to W. skin, ton.	1

PHRASES AND SENTENCES-Continued.

English,		Remarks.
The knife is broken		
The arrow is broken		
The saddle is broken		
The stirrup is broken		
The bridle rein was broken		
The spur was broken		
I will shoot a deer if I see one		
The dog will bite you if you kick him		
I will sleep if you will be still		
I am angry because you struck me	·············	
I will go home when my horse is caught	,	
I will kill the man who stole my horse		
The horse threw the boy		
That horse will throw you		
I will ride the horse that threw the man		
What is it?		
Who is it?		
Who are they?		
What is the name of this?		
What is that man's name?		
I have a hat on		
You have a hat on		
You have a shirt on		
He has moccasans on		
We live at Washington		
They live at Washington		
The squirrel lives in a tree		
The bear lives in the woods		
In winter the bear lives in a cave		
You ought to sit down because you are tired		
I do not believe what he says		
I am going a hunting because I am hungry		
I will go a hunting deer		

PHRASES AND SENTENCES-Continued.

English.		REMARKS.
I will go a hunting bear		
I will go a hunting rabbits		
I will go a hunting squirrels		
I will go a hunting quails	,	
Why did you not eat?	· · · · · · · · · · · · · · · · · · ·	
Why did you not drink?		
Why did you not go home?		
Why did you not buy a horse when you were at Washington?		
Why did you not go home yesterday?		
When did you go home?		
He is coming home		
He equelione		
He will come home		
Let him go home		
He asked me to eat		
I will ask him to eat		
I asked you to eat		
J will ask you to eat		
I am standing and looking		
He was standing and looking		
I am sitting and eating		
He was sitting and eating.		
He was standing and holding a gun		
He held a gun		
He pointed a gun		·
He was standing and pointing a gun		
The boy was crying and eating		
John is walking and whistling		

PHRASES AND SENTENCES-Continued.

······································
······································
······································
······································

REMARKS.

In obtaining the phrases and sentences above, the student will be initated into the best method of mastering an Indian tongue. The attempt to learn Indian words and then to construct sentences from them will only result in failure. Learn phrases and sentences first, after which you may easily discover the words and parts from which they are constructed. The student has also learned that the Indian tongue contains very few synonyms of English words, which is also true to an important extent in the more cultivated languages of the Indo-European stock; but the statement has a much wider application when we speak of Indian languages.

In proceeding further with the study of Indian languages get words in sets as much as possible, but get the sentences before the words,

The verbs "to go" and "to come," in all their forms and modifications will constitute a valuable contribution to linguistics. Generally each verb will be represented by a great number of words; for example, the verb "to go" may be represented by one word signifying to go home, another to go away from home; one to go from this place, without reference to home; one to go up, to ascend, another to go down, to descend; one to go around, and perhaps there will be a verb to go up a hill, another to go up a river, &c.

Purpose may be expressed in the verb, as to go on a visit, to go for water, ac., and the manner may also be expressed, as to go on foot, to go on horseback, to go in a canoe, ac. Distinct words may be used for each of these purposes, or a fewer number used, and these varied by incorporated particles. In like manner the English verb to break may be represented by several words, cano of which will indicate the manner of performing the act, or the instrument with which it is done. Distinct words may be used, or a common word varied with incorporated particles. The verb "to strike" which appears so often in the schedule, may be represented by several words, as a word signifying to strike with the fist, to strike with a ciub, (to ciub,) to strike with a had, ato slap,) to strike with a whip, (to whip,) to strike with a switch, (to switch,) to strike with a flat instrument, (to paddle.) &c., &c., but there may be no word which signifies to strike in general.

In the phrases and sentences given above only the present, past, and future tenses are called for. In some languages there are elaborate systems of tenses, denoted by inflections; in others the tenses-yetem, as denoted by inflections, is simple; and more complex tense distinctions are given by the use of adverbs.

There are about five hundred Indian languages spoken in the United States, but only a few of them have been carefully studied, and it is no easy task to give all the characteristics even of these languages which are known; but certain general facts will be observed in all, namely;

The parts of speech are meagerly differentiated—that is, one word may contain within Itself two, three, or more parts of speech. A noun with its qualifications and limitations may form but one word; and the verb with its qualifications and limitations, with its subject, and with its direct and indirect object, may be but one word. Words may be used now as one part of speech, then as another. Adjectives may be declined as adjectives or conjugately as varies.

By the use of all the other parts of speech as verbs the copula, or predicant, expressed in English by the verb "to be," becomes unnecessary

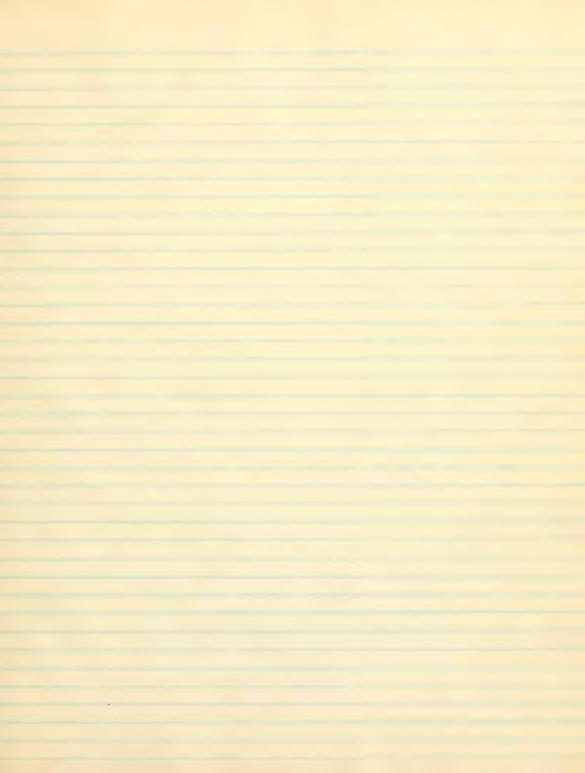
Incorporated particles are used to a great extent for a variety of purposes, and especially incorporated pronouns, the latter giving to many of the languages what has been known as a system of "transitions,". These particles point out with special care the person and number and other class peculiarities of both the subject and object.

As an Indian word may be exceedingly complex or synthetic, containing in itself many parts of speech, when new ideas are to be expressed and hence new words coined, these new words may contain many elements, so that often their words seem to be excessively compounded. The circumstances under which we study Indian languages serve to exagerate this characteristic. With the advent of civilized people among them new objects were seen, new ideas and thoughts were entertained, and new words needed for their expression. Such new words are often found to be claborately compounded. Again, the mi-stonaries or teachers among the Indians, having to convey to them ideas and thoughts new to the Indian mind, and for the expression of which the Indians had no adequate words, were compelled to coin set words, so that in many Indian languages there are words which have been introduced among them by missionaries or teachers coined from pre-existing words, and these also are often elaborately compounded.

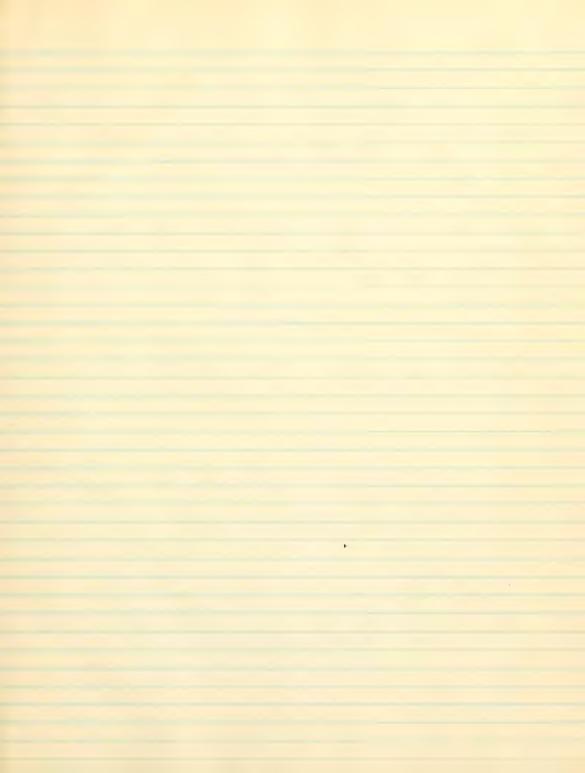
Such facts led the earlier students of Indian languages to classify them as distinct from all others, and they were called applutinated.

Still another characteristic must be mentioned. Indian languages are elaborately inflected. Nouns, adjectives, and adverbs are declined, verbs are conjugated, and when different parts of speech enter into one word the different methods of inflection belonging to each appear in the single location.

Indian languages then are excessively synthetic, excessively compounded, excessively inflected, many incorporated particles are used, and there is no verb used as a copular; all of which simply means that the parts of speech are very imperfectly differentiated. In these characteristics they differ not in kind, but only in degree, from the Indo-European tongues.

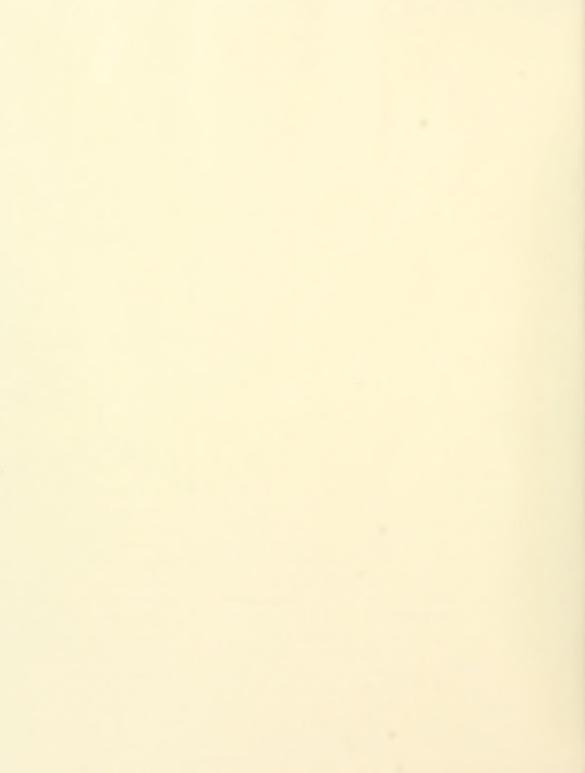














3 9088 00076 7046